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# MCGILL UNIVERSITY,

MONTREAL.

47TH ANNUAL ANNOUNCEMENT

OF THE

## FACULTY OF MEDICINE.



SESSION OF 1879-80.

Montreal

PRINTED FOR THE UNIVERSITY BY J. C. BECKET, 658 & 660 CRAIG ST.

1879.



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# General Statement.

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## SESSION OF 1879-80.

The Forty-seventh Session of the University, being the Twenty-seventh under the amended charter, will commence in the Autumn of 1879.

By Virtue of the Royal Charter, granted in 1821 and amended in 1852, the Governors, Principal and Fellows of McGill College, constitute the Corporation of the University ; and, under the statutes framed by the Board of Governors, with approval of the Visitor, have the power of granting Degrees in all the Arts and Faculties in McGill College and Colleges affiliated thereto.

The Statutes and Regulations of the University have been framed on the most liberal principles, with the view of affording to all classes of persons the greatest possible facilities for the attainment of mental culture and professional training. In its religious character the University is Protestant, but not denominational : and while all possible attention will be given to the character and conduct of the students, no interference with their peculiar religious views will be sanctioned.

The educational work of the University is carried on in McGill College, Montreal, and in the several Affiliated Colleges and Schools.

### I. MCGILL COLLEGE.

THE FACULTY OF ARTS.—The complete course of study extends over four Sessions, of eight months each : and includes Classics and Mathematics, Experimental Physics, English Literature, Logic, Mental and Moral Science, Natural Science, and one Modern Language, or Hebrew ; all which subjects are imperative in the first two years of the Course ; but in the third and fourth years options are allowed in favour of the Honour Courses in Classics Mathematics, Mental and Moral Science, Natural Science and English Literature. Certain exemptions are also allowed to Professional Students. The course of study leads to the Degrees of B.A., M.A., and LL.D.

THE FACULTY OF APPLIED SCIENCE provides professional instruction in Civil Engineering, Mechanical Engineering, Mining Engineering and Assaying, and Practical Chemistry, leading to the Degrees of Bachelor of Applied Science, Master of Engineering and Master of Applied Science.

THE FACULTY OF MEDICINE.—The complete course of study in Medicine extends over four Sessions, of six months each, and leads to the Degree of M.D., C.M.

**THE FACULTY OF LAW.**—The complete course in Law extends over three Sessions, of six months each, and leads to the degrees of B.C.L. and D.C.L. [For details see subsequent pages].

## II. AFFILIATED COLLEGES.

Students of Affiliated Colleges are matriculated in the University, and may pursue their course of study wholly in the Affiliated College, or in part in McGill College, and may come up to the University Examinations on the same terms with the Students of McGill College.

**MORRIN COLLEGE, Quebec.**—Is affiliated in so far as regards Degrees in Arts and Law.

[Detailed information may be obtained from Rev. John Cook, D.D., Principal.]

**ST. FRANCIS COLLEGE, Richmond.**—Is affiliated in so far as regards the Intermediate Examinations in Arts.

[Detailed information may be obtained from Rev. C. A. Tanner, Principal, Richmond, P. Q.]

## III. AFFILIATED THEOLOGICAL COLLEGES.

Affiliated Theological Colleges have the right of obtaining for their Students the advantage, in whole or in part, of the course of study in Arts, with such facilities in regard to exemptions as may be agreed on.

**THE CONGREGATIONAL COLLEGE OF BRITISH NORTH AMERICA, Montreal.**

**THE PRESBYTERIAN COLLEGE OF MONTREAL,** in connection with the Canada Presbyterian Church.

## IV. AFFILIATED SCHOOLS.

**THE MCGILL NORMAL SCHOOL** provides the training requisite for Teachers of Elementary and Model Schools and Academies. Teachers trained in this School are entitled to Provincial Diplomas.

**THE MODEL SCHOOLS OF THE MCGILL NORMAL SCHOOL** are Elementary Schools, divided into a Boys' Department, Girls' Department and Primary School.

**COLLEGIATE INSTITUTES, ACADEMIES, and HIGH SCHOOLS** may be affiliated in so far as regards Matriculation in Arts and Applied Science, under regulations which will be found on a subsequent page.

# McGill University, Montreal.

VISITOR :—

HIS EXCELLENCY

THE RIGHT HON. THE MARQUIS OF LORNE, K.T., P.C

GOVERNOR GENERAL OF CANADA, &c.

GOVERNORS :—

[*Being the Members of the Royal Institution for the Advancement of Learning.*.]

THE HON. CHARLES DEWEY DAY, LL.D., D.C.L.

*President and Chancellor of the University.*

THE HON. JAS. FERRIER, SENATOR, M.I.C.

ANDREW ROBERTSON, M.A., Q. C.

THE HON. CHRISTOPHER DUNKIN, M.A., D.C.L.

PETER REDPATH, Esq.

GEORGE MOFFATT, M.A.

JOHN H. R. MOLSON, Esq.

THE HON. W. FREDERICK TORRANCE, M.A., B.C.L.

CHARLES J. BRYDGES, Esq.

THE HON. SIR ALEXANDER T. GALT, K.C.M.G.

THE HON. SIR FRANCIS HINCKS, K. C. M. G., C. B.

THE HON. LUTHER H. HOLTON, M.P.

JOHN MOLSON, Esq.

JOSEPH HICKSON, Esq.

[The Board of Governors has, under the Royal Charter, the power to frame Statutes, to make Appointments, and to administer the Finances of the University].

## PRINCIPAL :—

JOHN WILLIAM DAWSON, M.A., LL.D., F.R.S., *Vice-Chancellor.*

[The Principal has, under the Statutes, the general superintendence of all affairs of the College and University; under such regulations as may be in force.]

## FELLOWS :—

VEN. ARCHDEACON LEACH, D.C.L., LL.D., Vice-Principal and Dean of the Faculty of Arts.

HENRY ASPINWALL HOWE, LL.D., Governors' Fellow.

THE HON. J. J. C. ABBOTT, D.C.L., Q.C., Dean of the Faculty of Law.

GEORGE W. CAMPEELL, M.A., M.D., LL.D., Dean of the Faculty of Medicine.

REV. JOHN COOK, D.D., Principal of Morrin College, Quebec.

ALEXANDER JOHNSON, M.A., LL.D., Vice-Dean of the Faculty of Arts, Governors' Fellow.

REV. GEORGE CORNISH, M.A., LL.D., Elective Fellow, Faculty of Arts.

REV. HENRY WILKES, M.A., D.D., LL.D., Principal of the Congregational College of British North America.

REV. D. H. MACVICAR, LL.D., Principal of the Presbyterian College of Montreal.

R. A. RAMSAY, M.A., B.C.L., Representative Fellow in Law.

JOHN REDDY, M.D., Representative Fellow in Medicine.

WILLIAM H. HICKS, Esq., Principal of McGill Normal School.

J. J. McLAREN, M.A., B.C.L., Representative Fellow in Law.

JOHN R. DOUGALL, M.A., Representative Fellow in Arts.

WILLIAM H. KERR, Q.C., D.C.L., Acting Dean of the Faculty of Law, Governors' Fellow.

REV. J. CLARKE MURRAY, LL.D., Elective Fellow, Faculty of Arts.

J. S. C. WURTELE, B.C.L., Elective Fellow, Faculty of Law.

HENRY T. BOVEY, M.A., C.E., Dean of the Faculty of Applied Science.

BERNARD J. HARRINGTON, B.A., Ph. D., Elective Fellow, Fac. App. Science.

JOSEPH M. DRAKE, M.D., Elective Fellow, Faculty of Medicine.

ARTHUR A. BROWNE, B.A., M.D., Representative Fellow in Medicine.

JOHN FRASER TORRANCE, B.A., B. App. Sci., Representative Fellow in Applied Science.

REV. CHARLES A. TANNER, Principal St. Francis College, Richmond.

REV. E. J. REXFORD, B.A., Representative Fellow in Arts.

ROBERT BELL, Grad. Civ. Eng., M.D., Representative Fellow in App. Science.

[The Governors, Principal and Fellows, constitute, under the Charter, the Corporation of the University, which has the power, under the Statutes, to frame regulations touching Courses of Study, Matriculation, Graduation and other Educational matters; and to grant Degrees.]

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## SECRETARY, REGISTRAR AND BURSAR :—

[*And Secretary of the Royal Institution.*] 

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WILLIAM CRAIG BAYNES, B.A., Residence and Office, East Wing, McGill College, Office hours, 10 to 2,

JAMES W. BRAKENRIDGE, Clerk, Residence 39 Lorne Avenue.

## Faculty of Medicine.

GEORGE W. CAMPBELL, A.M., M.D., LL.D., EMERITUS PROFESSOR OF SURGERY, AND DEAN OF THE FACULTY,  
*707 Sherbrooke Street.*

WILLIAM E. SCOTT, M.D., PROFESSOR OF ANATOMY, *34 Beaver Hall Terrace.*

WILLIAM WRIGHT, M.D., PROFESSOR OF MATERIA MEDICA AND PHARMACY, *84 St. Famille Street.*

ROBERT P. HOWARD, M.D., PROFESSOR OF THE THEORY AND PRACTICE OF MEDICINE, *47 Union Avenue.*

DUNCAN C. McCALLUM, M.D., PROFESSOR OF MIDWIFERY AND DISEASES OF WOMEN AND CHILDREN, *45 Union Avenue.*

J. W. DAWSON, LL.D., F.R.S., &c., PROFESSOR OF NATURAL HISTORY, *East Wing, McGill College.*

ROBERT CRAIK, M.D., EMERITUS PROFESSOR, TREASURER OF THE FACULTY, *2 Cathcart Street, facing Phillips Square.*

G. E. FENWICK, M.D., PROFESSOR OF THE PRINCIPLES AND PRACTICE OF SURGERY, *1404 St. Catherine St.*

JOSEPH MORLEY DRAKE, M.D., EMERITUS PROFESSOR  
*35 Beaver Hall.*

G. P. GIRDWOOD, M.D., PROFESSOR OF PRACTICAL CHEMISTRY,  
*28 Beaver Hall Terrace.*

GEORGE ROSS, M.A., M.D., PROFESSOR OF CLINICAL MEDICINE,  
*49 Union Avenue.*

WILLIAM OSLER, M.D., PROFESSOR OF INSTITUTES OF MEDICINE AND REGISTRAR OF THE FACULTY, *1351 St. Catherine Street.*

T. G. RODDICK, M.D., PROFESSOR OF CLINICAL SURGERY, *44 Beaver Hall Terrace.*

ROBERT T. GODFREY, M.D., PROFESSOR OF HYGIENE AND PUBLIC HEALTH, *1360 St. Catherine Street,*

WILLIAM GARDNER, M.D., PROFESSOR OF MEDICAL JURISPRUDENCE, *551 St. Joseph Street.*

FRANCIS J. SHEPHERD, M.D., DEMONSTRATOR OF ANATOMY,  
*85 Mansfield Street.*

FRANK BULLER, M.D., Lecturer on Ophthalmology and Otology,  
*1351 St. Catherine Street.*

RICH. L. MacDONNELL, B.A., M.D., ASSISTANT DEMONSTRATOR AND CURATOR OF MUSEUM, *1433 St. Catherine Street.*

# McGill University.—Faculty of Medicine.

## ORDER OF LECTURES, WINTER SESSION 1879-80.

A.M.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
<b>9</b>	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Hygiene.
	Medical Jurisprudence.	Ophthalmic Clinic.	Medical Jurisprudence.	Ophthalmic Clinic.	Medical Jurisprudence.	Botany.
<b>10</b>	Surgery.	Surgery.	Surgery.	Surgery.	Surgery.	
	Practical Chemistry.	Botany.	Practical Chemistry.	Botany.	Practical Chemistry.	Pathological Demonstration
<b>11</b>	Midwifery.	Midwifery.	Midwifery.	Midwifery.	Midwifery.	
	Out-door Patients.	Out-door patients.	Out-door Patients.	Out-door Patients.	Out-door Patients.	Montreal General Hospital.
<b>12.30</b>	Clinical Medicine, Wards.	Clinical Surgery, Wards.	Clinical Lecture, Medicine	Clinical Medicine, Wards.	Clinical Surgery, Wards.	Clinical Lecture, Surgery.
<b>1.30</b>			Clinical Surgery, Wards.			Clinical Medicine, Wards.
<b>2</b>	Materia Medica.	Materia Medica.	Materia Medica.	Materia Medica.	Materia Medica.	Histological & Physiological Demonstration, 1st year.
<b>3</b>	Physiology.	Physiology.	Physiology.	Physiology.	General Pathology.	Histological & Physiological Demonstration, 2nd year.
<b>4</b>	Practice of Medicine.	Practice of Medicine.	Practice of Medicine!	Practice of Medicine.	Practice of Medicine.	
<b>5</b>	Chemistry.	Chemistry.	Chemistry.	Chemistry.	Chemistry.	
<b>8-10</b>	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	

[ The Demonstrator's Hours in the Dissecting Room are from 10-12 a.m., 8-10 p.m.

[ Autopsies are performed at the General Hospital between 12 & 2 p.m. Due notice is given to the students.

## Faculty of Medicine.

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The forty-seventh Session of the Medical Faculty of McGill University will be opened on Wednesday, October 1st, 1879, with a general Introductory Lecture at 11 a. m. The regular lectures will begin on Thursday the 2nd Oct., at the hours specified in the time-table, and will be continued during the six months following.

The Medical College, a large and substantial building situated within the University Grounds, contains two spacious class rooms, Students' waiting-room, Library, Museum, Laboratories, together with a large and well furnished Dissecting-room.

The Faculty has much pleasure in announcing that they have converted one of the three lecture rooms into a Physiological Laboratory and fully equipped it with the necessary apparatus for Demonstrations.

The class tickets for the various courses are accepted as qualifying candidates for examination before the various Colleges and licensing bodies of Great Britain and Ireland, and the College of Physicians and Surgeons of Ontario.

To meet the circumstances of the General Practitioners in British North America, where there is no division of the profession into Physicians and Surgeons exclusively, the degree awarded upon graduation is that of "Doctor of Medicine and Master of Surgery," in accordance with the general nature and character of the curriculum, as fully specified hereafter. The degree is received by the College of Physicians and Surgeons of the Province of Quebec.

### I.

#### MATRICULATION.

##### (a) *University Matriculation Examination.*

This examination is the same as that recommended by the Medical Council of Great Britain. Examinations in conformity therewith, will be held the last Saturday in March and the first Saturday in October of each year. Applications may be made to the Registrar of the Faculty till the evening of the previous day. The requirements of the standard for Matriculation are :—"Compulsory—English Language, including grammar and composition ; "Arithmetic, including vulgar and decimal fractions ; Algebra, including simple equations ; Geometry, first two books of Euclid ;

"Latin, translation and grammar ;--and one of the following optional subjects :—Greek, French, German, Natural Philosophy, "including mechanics, hydrostatics, and pneumatics."

TEXT BOOKS.—Latin,—Cæsar, Commentaries, Bk. I. or Virgil, Æneid, Bk. I.

GREEK.—Xenophon, Anabasis Bk. I., or equivalent.

FRENCH.—Charles XII., Two Books.

NATURAL PHILOSOPHY.—Ganot's Physics.

Graduates in Arts of recognized Universities are not required to submit to the Matriculation Examination, and a certificate of having passed this Examination before the College of Physicians and Surgeons of Ontario or of Quebec will be accepted by this University.

Students of the Provinces of Quebec and Ontario are required by the laws of those Provinces to pass the matriculation examinations of the provincial Medical Boards. In Ontario, Graduates in Arts are exempted from this examination.

*(b) Matriculation Examination of College of Physicians and Surgeons of the Province of Quebec.*

The subjects of examination are as follows :—

Compulsory Subjects :—English, French, Latin, Arithmetic, Algebra, Euclid, History, Geography, Belles-Lettres.

Optional Subjects :—Candidates can select any one of the following :—Greek, Natural and Moral Philosophy.

The Examinations will be held upon the 19th of September 1879, at Quebec, and on the 12th of May, 1880, at Montreal. Applications to be made to Dr. Dagenais, Montreal, or Dr. Belleau, Quebec.

Examination Fee, ten dollars. Should the candidate be unsuccessful, one half the fee will be returned.

Of the four years study *after* having passed the Matriculation Examination, three six months' sessions, at least, must be attended at a University, College, or Incorporated School of Medicine, recognized by the "Provincial Medical Board," and the first session must be attended during the year immediately succeeding the Matriculation Examination.

(c) *Matriculation Examination of the College of Physicians and Surgeons of the Province of Ontario.*

The examination is held in Toronto and in Kingston on the first Tuesday and Wednesday after Good Friday, and the third Tuesday and Wednesday in August of each year. It is compulsory upon all Students of the Province of Ontario. Graduates in Arts are exempted.

The subjects are as follows:—English Language, including grammar and composition; Arithmetic, including vulgar and decimal fractions; Algebra, including simple equations; Geometry, first two books of Euclid; Latin, translation and grammar; and upon one of the following subjects (of which Students are recommended to select either Natural Philosophy, or one of the Modern Languages), the candidate having the option of naming the subject upon which he will be examined, viz.—Greek, French, German, Natural Philosophy, including mechanics, hydrostatics and pneumatics.

**Text Books.**—Where more than one is named, the candidate may select one upon which he will prefer to be examined, viz :

Latin—Cæsar, *Commentaries on Gallic War*, fifth and sixth books; Cicero, *Manilian Law*; Virgil, *Aeneid*, second book.

Greek—Xenophon, *Anabasis*, first book.

French, Voltaire, *Charles XII.*, 6th, 7th and 8th books.

German—Adler's Reader, first part.

Natural Philosophy—Peck's Ganot; Sangster's first Book.

*Intending Students are advised to pass their Matriculation in the Spring, in order to comply with the law, which requires four full years of professional study.*

## II.

### ENREGISTRATION.

The following are the University Regulations :—

All Students desirous of attending the Medical Lectures shall, at the commencement of each Session, enrol their names and residences in the Register of the Medical Faculty, and procure from the Registrar a ticket of Enregistration, for which each Student shall

pay a fee of \$4; excepting in the Clinical Classes, in which enregistration for Students of other Schools shall not be compulsory.

The said Register shall be closed on the last day of November, in each year, and no tickets obtained from any of the Professors shall be received without previous enregistration.

Enregistration in the Summer Session is compulsory upon all Students whether attending one or more of the Classes.

### III.

#### COURSES OF LECTURES.

**1 Anatomy.**—[Prof. Scott.]—The importance of Anatomy, both descriptive and in its relation to Medicine and Surgery, is duly considered by the Professor, who employs chiefly the fresh subject in the illustration of the lectures, aided however, by dried preparations, wax models, plaster casts of dissections, plates, &c., the full size of life.

**2 Practical Anatomy.**—[Drs. Shepherd and MacDonnell.]—Special attention is devoted to this important branch, the teaching being similar to that of the best European schools. The Dissecting-Room is open from 8 a. m. to 10 p. m.; the Demonstrators' hours are from 10 to 12 a. m., and 8 to 10 p. m. Special Demonstrations on the Brain, Thorax, Abdomen, Bones, etc., are frequently given. Every Student must be examined *at least* three times on each part dissected, and if the examinations are satisfactory a certificate is given. Prizes are awarded at the end of the Session for the best examination on the fresh subject. Material provided under cost.

**3 Chemistry.**—[Prof. .]—Inorganic Chemistry is fully treated: a large portion of the course is devoted to Organic Chemistry and its relations to Physiology. The branches of Physics bearing upon or connected with Chemistry also engage the attention of the Class. For experimental illustration, abundant apparatus is possessed by the Professor, among which may be enumerated, a powerful Air Pump—Oxy-Hydrogen Microscope—Polariscope—extensive series of Models of Crystals, Electrical and Galvanic apparatus, Steam engine, &c., &c.

**4 Practical Chemistry.**—[Prof. Girdwood.]—Thorough instruction is given in the different departments of Practical Chemistry in the Laboratory of the Faculty, under the personal supervision of

the Professor. The course includes blowpipe manipulations, qualitative and quantitative analysis, toxicological investigations, &c., &c. This class may be taken in the Summer Session.

**5 Institutes of Medicine.**—[Prof. Osler and Assistant.]—Embraced in this course are the following classes :—

(*a*) **Physiology**, comprising,

(1) A full course of didactic lectures upon the structure and functions of the various organs of the body in health. The lectures are illustrated by fresh preparations, diagrams, plates and models, and, when practicable, by experiments.

(2) Practical demonstrations, held every Saturday from 2 to 4 p. m. In this class a complete series of histological preparations is exhibited and explained. Specimens illustrative of physiological anatomy and practical physiology are also shown, and the Students invited to propound and discuss any questions which may not have appeared clear to them.

(3) Practical Histology—normal and pathological. A course of 25 lessons—Microscopes, re-agents and material provided. This course is generally held during the Summer Session, but will also be conducted during the Winter if a class of 10 Students be formed. It comprises thorough instruction in the use of the Microscope and the preparation of the tissues, each Student preparing for himself during the course a cabinet of 100 or more specimens.

(*b*) **Pathology**, comprising,

(1) A limited number of lectures on General Pathology, which are included in the systematic course on the Institutes.

(2) Pathological Demonstrations—weekly—Saturday, 11 a. m. This course is based upon, and conducted, as far as possible, in the same way as that of Prof. Virchow, at the Berlin Pathological Institute. Specimens of all kinds are collected throughout the week, kept fresh until Saturday and then brought before the class, when practical comments are made upon them. An idea of the amount of material at command may be gathered from the fact that over 150 fresh pathological specimens, illustrative of almost all the common forms of disease, were laid before the class during the past session.

(3) Instruction in Post-mortems—The Autopsy Room of the General Hospital is in charge of the Professor, and the post-mortems are performed by the Students in rotation, under his supervision.

System and thoroughness in inspection are insisted upon, the method followed being that of Virchow. As far as possible, attention is drawn to the Medical Anatomy of the thoracic and abdominal organs. In connection with this class, aided by the Professor of Medical Jurisprudence, two Coroner's Inquests will be conducted during the Session before the class, and the Medico-legal aspects of post-mortems dwelt upon.

**6 Materia Medica.**—[Prof. Wright.]—In this course the ordinary Medicines officinal in the British Pharmacopœia are taken up in classes according to their chief actions, and described under the various heads peculiar to Pharmacology. The Therapeutics of each are fully detailed, under the effects that follow from different doses. Those from toxic or over-doses are added, together with the mode of treatment, etc. The course is illustrated from a cabinet of the various drugs and their preparations, and the plates of Wagner, Roque, Stevenson and Churchill are also shewn. Analytical experiments with the ordinary re-agents are exhibited.

**7 Theory and Practice of Medicine.**—[Prof. Howard.]—While the lectures on this subject are mainly devoted to Special Pathology and Therapeutics, the department of General Pathology in this University being included in the Institutes of Medicine, no opportunity is lost of illustrating and explaining the *general* laws of disease. With the exception of certain affections seldom or never observed in this country, all the important diseases of the body, not described from the chairs of Surgery and Obstetrics, are discussed, and their Pathological Anatomy illustrated by the large collection of morbid preparations in the University Museum, and by fresh specimens contributed by the Demonstrator of Morbid Anatomy.

The College possess an extensive series of Anatomical plates illustrative of the histological and anatomical appearances of disease, and the wards of the General Hospital afford the lecturer ample opportunities to refer to living examples of very many of the maladies he describes and to give the results of treatment.

**8 Clinical Medicine.**—[Prof. Ross.]—Attendance is given in the Medical Wards of the Montreal General Hospital on three days of every week. Accurate reports of all cases are kept by duly appointed clinical clerks, and are systematically read before the class. Instruction is given by the bedside and special inducements are

offered to every pupil to take part in the physical examination of patients. The mode of conducting investigations, the use of the microscope, the value of the thermometer and ophthalmoscope, etc., in Medical Diagnosis, are all explained and illustrated. Senior Students are called upon in rotation to examine new cases before the class, and to be examined thereon as to their general knowledge. In addition, one weekly Clinical Lecture is delivered bearing upon some case or cases of importance which may happen to be under observation at the time. Special attention is directed to Medical Anatomy, and candidates for the degree will be examined thereon.

**9 Surgery.**—[Prof. Fenwick.]—Divided into Principles and Practice, including Surgical Anatomy and Operative Surgery, exhibited on the subject. The various surgical instruments and apparatus are exhibited, and their uses and applications explained and practically illustrated.

**10 Clinical Surgery.**—[Prof. Roddick.]—This course is eminently practical, consisting of bedside instruction and lectures delivered weekly, illustrative of Surgical cases actually present in the wards of the General Hospital. The class is taken charge of by the Teacher on alternate days, when the reports of the Clinical clerks are read and criticized, and fresh cases examined by the senior Students. The Surgical dressings are, as much as possible, reserved for these occasions, so as to give all present an opportunity of participating in the application of splints to fractures, dressing of wounds, minor operations, etc. Major operations are performed in the spacious theatre attached to the Hospital, which is so admirably constructed that the most distant can generally obtain a fair view of the operation. This is also used as a Lecture Room by the Clinical Professors. All of the recently invented appliances for the treatment of Surgical disease have been introduced into the Hospital, prominent among which is a complete outfit of Lister's Antiseptic Apparatus, so that this excellent method of treating wounds is now almost universally adopted.

**11 Midwifery.**—[Prof. McCallum.]—Including diseases of women and children, illustrated by a series of drawings on a large scale, by humid preparations, by models in wax, by the use of the artificial Pelvis, and by cases in the wards of the Lying-in Hospital.

**12 Medical Jurisprudence.**—[Prof. Gardner.]—This course includes *Insanity*, to which a good deal of attention is devoted, the subject being treated of in its Medical as well as Medico-legal aspects. One or two lectures are devoted to the treatment of insanity. Special attention is devoted to the subject of blood stains, the Clinical, Microscopical and Spectroscopical tests for which are fully described and shown to the class. The various spectra of blood in its different conditions are shown by the Sorby-Browning Micro-spectroscope, so well adapted for showing the reactions with exceedingly minute quantities of suspected material. Recent researches in the diagnosis of human from animal blood are alluded to. In addition to the other subjects usually included in a course of this kind, Toxicology is taken up. The modes of action of poisons, general evidence of poisoning and classification of poisons, are first treated of, after which the more common poisons are described with reference to symptoms, post mortem appearances, and chemical tests. The post mortem appearances are illustrated by plates and the tests are shown to the Class.

**13 Hygiene and Public Health.**—[Prof. Godfrey.]—A three months course of Lectures will be delivered on this subject, the attendance upon which is now compulsory.

**14 Ophthamology and Otology.**—[Dr. Buller.]—Will include a course of lectures on diseases of the Eye and the Ear, both Didactic and Clinical. In the former the general principles of diagnosis and treatment will be dealt with; in the latter, cases illustrative of the typical forms of ordinary diseases of these organs will be exhibited and explained to the class, and afterwards placed under the special care of gentlemen who may show themselves competent to take charge of them. A Course of Operations on the Cadaver will be open to such Students as may wish to avail themselves of the same.

**15 Botany and Zoology.**—[Prof. Dawson.]—The Course in Botany is illustrated by specimens, diagrams, models, and the microscope. Students have access without any additional fee to the lectures in Zoology in the Faculty of Arts, and to the Natural History Museum of the University and the Museum of the Natural History Society of Montreal.

**16 Helminthology.**—A course of six lectures on the Parasitic Diseases of Man and the Domestic Animals. (Prof. Osler). The

life history and development of the Entozoa, together with the diseases caused by them, are fully considered. The lectures are illustrated by a series of beautiful diagrams, and by fresh and prepared specimens.

The following are extracts from the University Regulations with respect to the courses of Lectures :

1st. Each Professor shall deliver at least five Lectures during the week, except in the classes of Clinical Medicine and Clinical Surgery, in which three bedside demonstrations and one Clinical Lecture shall be given ; and in that of Medical Jurisprudence, if extended through six months, in which case three Lectures a week will suffice.

2nd. Every Lecture shall be of one hour's duration.

3rd. Every Professor shall occasionally examine his class upon the subjects treated of in his preceding Lectures, and every such examination shall be considered a Lecture.

4th. A roll of the names of the Students attending each class shall be called from time to time.

#### IV.

#### **QUALIFICATIONS FOR THE DEGREE.**

The following are extracts from the Regulations respecting the qualifications of Candidates for the Degree in Medicine.

1st. No one shall be admitted to the Degree of Doctor of Medicine and Master of Surgery, who shall not either :—1st, have attended Lectures for a period of at least four six months' sessions in this University, or some other University, College, or School of Medicine, approved of by this University ; or, 2ndly, have studied medicine during at least four years, and during that time have attended Lectures for a period of at least three six months' Sessions, either in this University, or some other University, College, or School of Medicine, approved of by this University.

2nd. Candidates for the Final Examination shall furnish Testimonials of attendance on the following branches of Medical Education, viz :—

*Anatomy.*  
*Chemistry.*  
*Materia Medica and Pharmacy.*  
*Institutes of Medicine.*  
*Principles and Practice of Surgery.*  
*Midwifery and Diseases of Women and Children.*  
*Theory and Practice of Medicine.*  
*Practical Anatomy.*  
*Clinical Medicine.*  
*Clinical Surgery.*

*Of which two Courses will  
be required of six  
months' duration.*

*Medical Jurisprudence.*

} Of which one Course of  
six months' or two  
Courses of three months'  
will be required.

*Practical Chemistry.  
Botany or Zoology.  
Hygiene.*

} Of which one Course will  
be required of three  
months' duration.

*And a Course of not less than twenty-five Demonstrations upon Microscopic Anatomy, Physiology and Pathology.*

Provided, however, that Testimonials equivalent to, though not precisely the same as those above stated may be presented and accepted.

3rd. The Candidate must give proof by ticket of having attended during eighteen months the practice of the Montreal General Hospital, or that of some other Hospital approved of by this University, and have compounded medicines for six months.

4th. He must also give proof by ticket of having attended for at least six months the practice of the University or other Lying-in-Hospital approved of by this University, and of having attended at least six cases of accouchement.

5th. No one shall be permitted to become a Candidate for examination who shall not have attended at least one Session of this University, and one full course of all the branches included in its curriculum.

6th. Courses of less length than the above will only be received for the time over which they have extended.

7th. Every Candidate for the Degree must on or before the fifteenth of February, present to the Dean of the Medical Faculty testimonials of his qualifications, entitling him to an examination, and must at the same time deliver to the Dean of the Faculty the following Certificate :—

MONTREAL, ————— 18—

I, the undersigned, being desirous of obtaining the Degree of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise), that I shall have attained the age of twenty-one years before the next graduation day, and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician Surgeon, or Apothecary. (Signed,) A. B.

8th. The trials to be undergone by the candidate shall be such as referred to under Section V.

9th. The following Oath or affirmation, will be exacted from the Candidate before receiving his degree.

SPONSIO ACADEMICA.

In Facultate Medicinae Universitatis.

Ego, A——B——, Doctoratus in Arte Medica titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo ;—me in omnibus grati animi officiis, erga hanc Universitatem ad extremum vitæ halitum, perseveraturum, tum porro, artem medicam, caute, caste et probe exercitaturum ; et quoad in me est,

omnia ad ægrotorum corporum salutem conducentia, "cum fide procuraturum ; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

10th. The Fee for the Degree of Doctor of Medicine and Master of Surgery shall be twenty dollars, to be paid by the successful candidate immediately after examination, together with a Registration fee of one dollar.

11th. The money arising from the fees of Graduation, as well as those of Enregistration, shall be applied to the enlargement of the Medical Library and Museum, and to defraying their expenses.

## V.

### EXAMINATIONS.

In each class a weekly examination is held to test the progress of the Student ; and in addition two or three written examinations are given throughout the Session.

The examinations at the close of each Session are arranged as follows :

#### *1st Year—Sessional Examination.*

**ANATOMY.**—Bones, Ligaments, Muscles, Viscera.

**PHYSIOLOGY.**—The Tissues, Blood, Circulation, Respiration, Digestion.

**CHEMISTRY.**—*Chemical Physics.*—Molecular Forces ; Heat, Light, Electricity and Magnetism.

*Chemical Philosophy.*—Laws of Combination ; Nomenclature ; Symbolic Notation, Classification of Elements.

**MATERIA MEDICA.**—Preparation, Characters, and Adulterations of Medicines.

**PRACTICAL ANATOMY.**—Bones, Ligaments, Muscles, Viscera.

**BOTANY.**

#### *2nd Year—Primary, Pass Examination.*

**ANATOMY.**

**PRACTICAL ANATOMY.**

**PHYSIOLOGY.**

**CHEMISTRY.**

**PRACTICAL CHEMISTRY.**

**MATERIA MEDICA.**

*3rd Year—Sessional Examination.*

MEDICAL JURISPRUDENCE WITH TOXICOLOGY.

HYGIENE.\*—

MEDICINE.—Classification of Diseases, Pathology of Zymotic diseases. Continued, periodical and eruptive fevers. Constitutional diseases, diseases of Kidney.

SURGERY.—Surgical Pathology, Wounds, Fractures, Dislocations.

MIDWIFERY.—Organs of generation of the female and changes in them which result from conception. Signs of Pregnancy—Diseases of Pregnancy—Pelvis and its deformities.—Mechanism of Labour.

*4th Year—Final Pass Examination.*

MEDICINE.

SURGERY.

MIDWIFERY.

CLINICAL MEDICINE.

CLINICAL SURGERY.

MEDICAL ANATOMY.

SURGICAL ANATOMY.

By means of the above arrangement a certain definite amount of work must be accomplished in each year and, moreover, an equitable division is made between the Primary and Final branches.

It was not thought advisable that Students should *pass* finally on important subjects of the Primary branches at the end of the first year, hence the second year examination embraces the whole range of the Primary subjects, and the same holds good for the Final branches in the 3rd and 4th Year, with the exception of Medical Jurisprudence and Hygiene, which may be finally passed at the end of the 3rd Year.

The Sessional Examinations at the close of the 1st and 3rd Years are compulsory upon all Students, and they will be rated according to merit.

With regard to the Primary Examination at the end of the 2nd

\*—May be taken at the end of the Second Year.

Year, it remains optional with the Student whether he passes in all the branches or leaves two for the 3rd Year. In any case, Chemistry and one other must be taken at the close of the 2nd Year.

## VI.

### MEDALS AND PRIZES.

1st. The Holmes Gold Medal, awarded to the Student of the graduating class who receives the highest aggregate number of marks for the best examinations, written and oral, in both Primary and Final branches.

2nd. A prize in books awarded for the best examination, written and oral, in the final branches. The gold medallist is not permitted to compete for this prize.

3rd. A prize in books awarded for the best examination, written and oral, in the primary branches.

4th. The Sutherland Gold Medal, awarded for the best examination in Theoretical and Practical Chemistry, together with creditable examination in the Primary branches.

A prize in books for the best examination in the senior and junior Class in Practical Anatomy.

A prize in books for the best examination in Botany, and a prize for the best collection of plants.

## VII.

### FEES.

#### Lectures.

Practice of Medicine,	-	-	-	-	one course	\$12.00
Clinical Medicine,	-	-	-	-	"	12.00
Surgery,	-	-	-	-	"	12.00
Clinical Surgery,	-	-	-	-	"	12.00
Obstetrics and Gynaecology,	-	-	-	-	"	12.00
Medical Jurisprudence,	-	-	-	-	"	10.00
Anatomy,	-	-	-	-	"	12.00
Institutes of Medicine (Physiology & Pathology)					"	12.00
Chemistry,	-	-	-	-	one course	\$12.00
Chemistry, Practical,	-	-	-	-	"	12.00
Practical Anatomy,	-	-	-	-	"	10.00
Botany and Zoology	-	-	-	-	"	5.00

Matriculation,	- - - - -	"	5.00
Enregistration, (each Session)	- - - - -	"	4.00
Degree,	- - - - -	"	20.00
Registration of Degree,	- - - - -	"	1.00

### HOSPITAL FEES.

#### Montreal General Hospital.

Six months,	- - - - -	\$ 8.00
Twelve months,	- - - - -	12.00
Perpetual,	- - - - -	20.00

#### Lying-in-Hospital.

Six months,	- - - - -	8.00
Summer Session,	- - - - -	10.00
Practical Histology,(Microscopes and reagents provided)		15.00

Any Student after having paid the fees and attended two courses of any class shall be entitled to a perpetual ticket for that class, except the following :—Practical Anatomy, Practical Histology and Practical Chemistry.

N. B.—All Fees are payable strictly in advance.

### VIII.

#### TEXT-BOOKS.

ANATOMY.—Gray, Wilson, Sharpey and Quain.

PRACTICAL ANATOMY.—Heath's and Ellis' " Dissectors," Holden's Dissector and Landmarks.

CHEMISTRY.—Fownes, Miller, Roscoe.

PRACTICAL CHEMISTRY.—Odling, Galloway, Fresenius.

MATERIA MEDICA.—Pereira's Manual by Farre, Bently and Warrington.

INSTITUTES OF MEDICINE.—*Physiology*.—Kirke's Hand-Book, Dalton, Carpenter, Huxley, Foster. *Pathology*.—Green, Rindfleish, Jones & Sieveking, (by Payne) Wilks & Moxon, Virchow, on Post-Mortems, Orth's Compendium.

PRACTICAL HISTOLOGY.—Rutherford, Schafer.

SURGERY.—Holmes' Surgery, Erichsen, Druitt, Bryant.

PRACTICE OF MEDICINE.—Aitken, Wood, Watson, Roberts, Da-Costa, Flint.

**MEDICAL JURISPRUDENCE.**—Taylor's Jurisprudence, Guy and Ferrier's Forensic Medicine, Woodman & Tidy's Handbook, Maudsley on Insanity, Shepherd's Lectures on Madness.

**MIDWIFERY.**—Churchill, Ramsbotham, Cazeaux, Leishman, Playfair.  
**HYGIENE.**—Parks, Hammond, Wilson.

## IX.

### **MUSEUM.**

Most of the usual Pathological specimens are collected here, obtained from Hospital and private practice. They are largely used in illustrating the lectures on Medicine and Surgery. There are also wax and papier-mache models.

Graduates of the University are invited to contribute specimens.

## X.

### **LIBRARY.**

This comprises between four and five thousand volumes, including all the standard text-books and works of reference, together with complete files of the leading periodicals. Students may obtain books on making a deposit of \$4.00, which is refunded on returning the volumes.

## XI.

### **McGILL MEDICAL SOCIETY.**

This Society, composed of enregistered Students of the Faculty, meets once a week during the Summer Session, and fortnightly during the winter, for the reading of papers and the discussion of medical subjects. It is presided over by a physician chosen by the members.

A reading room has been established in connection with the Society, in which the leading English and American medical journals are on file.

## XII.

### **COST OF LIVING, &c.**

This will, of course, vary with the tastes and habits of the Student, but the necessary expenses need not exceed those in smaller towns. Good Board may be obtained from \$14 to \$20 per month. A list of Boarding-houses is prepared annually by the Secretary of the University, and may be procured from the Janitor at the Medical College.

## XIII.

## HOSPITALS.

## MONTREAL GENERAL HOSPITAL.

The Montreal General Hospital affords ample means for the instruction of Students in Clinical Medicine and Surgery. The daily number of beds occupied by patients averages from 130 to 140, and during epidemic visitations has reached a much higher number. The Governors have also erected a Hospital for Children, contiguous to the Reid Wing of the present building. The Students have thus an opportunity of becoming familiar with nearly all the diseases of suffering humanity, and with the peculiarities imparted to them by infancy, adolescence, maturity and declining age.

The large number of out-door patients that are treated in the Hospital, averaging from sixty to seventy daily—supply illustrations of most of the diseases of infants and children, of very many of the eye and skin, and of those chronic and ill-defined ailments which, as they do not require admission to the wards of a hospital, would not otherwise come under the observation of the Student, although, on account of their variety and frequency, they are of great importance to the Physician.

The large number of patients affected with diseases of the eye and ear, now attending the out-door department, will afford Students ample opportunity to become familiar with all the ordinary affections of those organs, and to make themselves proficient in the use of the ophthalmoscope, and it is hoped that every Student will thus seek to gain a practical knowledge of this important branch of Medicine and Surgery. Operations are performed on the eye, by Dr. Buller, after the out-door patients have been seen, and Students are invited to attend the same, and as far as practicable to keep such cases under observation so long as they remain in the Hospital.

The shipping contributes many examples of accidents and surgical cases.

CLINICAL CLERKS to both medical and surgical wards are appointed every three months, and each one during his term of service conducts, under the immediate direction of the Clinical Professors, the reporting of all cases in the ward allotted him. The holding of one of these offices is found to be of the greatest possible advantage

to Students, as affording the most real *practical* training for his future professional life. They will be awarded on application at the end of each Session to past primary Students of that year, in order of their standing in the primary examination.

DRESSERS are also appointed to the Surgical wards and to the Out-door Department. For these appointments application is to be made to the Professor of Clinical Surgery, and to the Out-door attending Physicians.

The Operating Room (used also for a lecture room) is so constructed as to enable the Students to obtain a good view of the operations.

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#### MONTREAL DISPENSARY,

ST. ANTOINE STREET.

About 10,000 patients yearly are treated at this Institution. The cases are of great variety, comprising a large number of pulmonary affections and childrens' diseases. Minor operations are of daily occurrence, and excellent practice is afforded in the application of splints and bandages. The attending Physicians furnish Students with all possible facilities. The hours of attendance are from 12—2 daily.

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#### UNIVERSITY LYING-IN HOSPITAL.

This is under the direction of the Professor of Midwifery. Students who have already attended one course of his lectures, are furnished with cases in rotation; they are advised to attend this Institution as much as possible during the Summer, when, since there are as many patients and not so many pupils as in Winter, a larger proportion of cases falls to the share of each. Moreover, in this way more attention can be given to their duties during the winter.

The Assistant to the Professor of Midwifery attends each case, and gives instruction to the students in the methods of examination and the diagnosis of presentations.

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#### UNIVERSITY DISPENSARY FOR DISEASES OF WOMEN.

Clinical instruction to Senior Students will be given thrice weekly at this Institution, 107 St. Urbain Street.

## XIV.

## PAST SESSION.

The total number of students enregistered in this Faculty during the past year was 166, of whom there were, from—

Ontario,	87,	New Brunswick	7,
Quebec,	51,	P. E. Island,	3,
Nova Scotia,	3,	Newfoundland,	1,
United States,	14.		

The following gentlemen, 40 in number, have passed their Primary Examinations on the following subjects: Anatomy, Chemistry, Materia Medica and Pharmacy, Institutes of Medicine and Botany and Zoology. Their names, and residences are as follows:

NAME.	RESIDENCE.
Ayer, N .....	Woodstock, N.B.
Browne, T. L.....	Ottawa, O.
Beer, Charles N .....	Charlottetown, P.E.I.
Cameron, P.....	Williamstown, O.
Church, F. W.....	Aylmer, Q.
Cahalan, J .....	Wyandotte, Mich.
Cowley, D. K.....	Ottawa, O.
Dibblee, G. O.....	St. Stephens, N.B.
Edwards, J. S.....	London, O.
Field, E. C.....	Prescott, O.
Fraser, H. D.....	Pembroke, O.
Gray, W. L .....	Pembroke, O.
Heyd, H. E.....	Brantford, O.
Higginson, H. A.....	L'Orignal, O.
Henderson, A .....	Montreal, Q.
Josephs, G. E .....	Pembroke, O.
Laurin, E. J.....	Montreal, Q.
Lang, W. A.....	St. Marys, O.
Maas, R. L.....	Negaunee, Mich.
Mignault, L. D. B.A.....	Montreal, Q.
McDonald, M. C.....	Montreal, Q.
McDonald, J. A.....	Panmure, P.E.I.
McDonald, R. T.....	Montreal, Q.
Mackenzie, K.....	Melbourne, Q.
Mackenzie, B. E. B.A.....	Aurora, O.
McLaren, D. C. B.A.....	Montreal, Q.
McGannon, E. A.....	Prescott, O.
O'Calaghan, T. A. B.A.....	Worcester, Mass.
Pringle, A. F.....	Cornwall, O.

Pulford, F. W.	Detroit, Mich.
Ross, G. T.	Montreal, Q.
Ross, J. W.	Winthrop, O.
Ruttan, A. M.	Napanee, O.
Riordan, B. L.	Port Hope, O.
Rogers, E. J.	Peterboro, O.
Stewart, J.	St. Anicet, Q.
Serviss, F. W.	Iroquois, O.
Smith, E. H.	Montreal, Q.
Snow, W. H.	Dundas, O.
Struthers, R. B.	Phillipsburg, O.

W. C. Perks, Port Hope, has passed the written, but owing to illness was unable to present himself for the oral examination.

The following gentlemen, 37 in number, have fulfilled all the requirements to entitle them to the degree of M.D., C.M., from this University. These exercises consist in examinations, both written and oral, on the following subjects: Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics and Diseases of Women and Children, Medical Jurisprudence and Hygiene,—and also Clinical Examinations in Medicine and Surgery conducted at the bedside in the Hospital:—

NAME.	RESIDENCE.
Brown, J. L.	Chesterfield, O.
Burwash, Henry J.	St. Andrew's, Q.
Butler, Billa F.	Stirling, O.
Carman, Philip E.	Iroquois, O.
Carman, John B.	Iroquois, O.
Chisholm, Murdoch	Loch Lomond, N.S.
Case, William	Hamilton, O.
Gray, Thomas	Brucefield, O.
Groves, George H.	Carp, O.
Gurd, David F.	Montreal, Q.
Hart, George C.	Osnabrook Centre, O.
Hanna, Franklin	Harlem, O.
Henwood, Alfred J.	Brantford, O.
Inrie, Andrew W.	Spencerville, O.
Irwin, J. L.	Montreal, Q.
Jackson, Joseph A.	Lawrence, N.Y.
Jamieson, Chas. J.	Ottawa, O.
Laford, John B.	Montreal, Q.

Lefebvre, John M.	Toronto, O.
Lloyd, Hoyes W.	Strathroy, O.
Lyford, Chas. C.	Roscoe, Ill.
McArthur, John A.	Underwood, O.
McCully, Oscar J. M.A.	Sussex, N.B.
McCullough, George.	St. Marys, O.
McGuigan, William J.	Stratford, O.
McNee, Stuart.	Perth, O.
Menzies, John B.	Almonte, O.
Riley, Oscar H.	Franklin, Vt.
Rutherford, M. C.	Waddington, N.Y.
Scott, John G.	Ottawa, O.
Seymour, Maurice M.	Chesterville, O.
Shaw, William F.	Ottawa, O.
Smith, John.	Torbolton, O.
Spencer, Richmond.	Montreal, Q.
Sutherland, William R.	Montreal, Q.
Weagant, Clarence A.	Dundas Co., O.
Williston, Hedley V. M. A.	Newcastle, N.B.

Frank Buller, M.D., M. R. C. S. Eng., Lecturer on Diseases of the Eye and Ear, received the degree in course.

Of the above named gentlemen, Mr. J. B. Lawford, is under age. He has, however, passed all the examinations and fulfilled all the requirements necessary for graduation, and only awaits his majority to receive his degree.

The following have passed in Medical Jurisprudence:-

Henry E. Poole,	David G. Inksetter,	B. L. Riordan.
William McEachran,	H. B. Small,	T. Ambrose.
R. K. McCorkill.	J. E. McEvenue.	

The following have passed in Anatomy :—

W. Cormack,	J. H. Carson,	F. Tupper.
G. H. Oliver,	F. H. Mewburn,	W. A. Derby,
W. J. Musgrove,	C. M. Gordon,	G. C. Wagner,
M. McNulty,	A. P. Poaps,	J. C. Shanks,

The following have passed in Materia Medica :—

W. Cormack,	H. Lunam, B. A.	W. Shufelt,
M. McNulty,	W. Moore,	J. C. Shanks,
A. Dunlop,	A. McDonald,	J. Williams,
J. J. Hunt,	T. W. Reynolds,	J. B. Harvie,
	T. A. Page,	A. D. Struthers.

The following have passed in Chemistry :—

A. P. Poaps,	A. H. Dunlop,	J. B. Harvie,
W. Cormack,	W. T. Derby,	W. A. Shufelt,
A. McDonald,	T. W. Reynolds,	J. C. Shanks,
A. D. Struthers,	J. Williams,	G. C. Wagner,
J. McKay,	J. J. Hunt,	F. H. Mewburn,
C. M. Gordon,	H. Lunam, B. A.	W. Moore,
James Ross, B. A.	R. H. Klock,	T. A. Page,
B. Fritz,	J. H. Carson,	

The following have passed in Physiology :—

W. Cormack,	A. D. Struthers,	J. H. Carson,
H. E. Poole,	W. A. Shufelt,	E. Fritz,
W. J. Musgrave,	C. M. Gordon,	R. H. Klock,
A. McDonald,	G. C. Wagner,	A. H. Dunlop,
F. H. Mewburn,	T. W. Reynolds,	W. C. McGillis,
W. Moore,	J. J. Hunt,	

The following have passed in Practical Anatomy :—

W. A. Shufelt,	F. H. Mewburn,	W. A. Derby,
F. Tupper,	J. C. Shanks,	E. Fritz,
C. M. Gordon,	J. H. Carson,	

The following have passed in Botany :—

#### CLASS I

H. V. Ogden, B. A. (prize), Alex. Shaw,	T. N. McLane,
J. W. Cameron, } equal, James E. Trueman,	E. J. C. Carter,
F. A. Holmes, } 2nd pr. Philias Vanier,	H. Gale.

#### CLASS II.

B. W. Burland,	Edmund Christie,	John Graham,
Henry O'Keefe,	T. J. Pierce O'Brien,	W. H. Shaver,
W. T. Duncan,	E. C. Bangs,	J. A. Lindsay,
B. F. W. Hurdman,	W. A. Dewolf Smith,	John M. Scott,
J. H. Edick,	J. H. Shaver,	J. L. Martin.

#### CLASS III.

W. E. Thompson,	N. J. Hinkley,	R. Price,
J. B. Green,	C. B. H. Hanvey,	R. F. Campbell,
B. D. Pierce,	C. H. Ormand,	George Shrady,
A. McR. Catenach,	W. W. Denyer,	Albert Cuthbert.

**MEDALS, PRIZES AND HONOURS.**

THE HOLMES GOLD MEDAL was awarded to John B. Lawford, of Montreal.

THE PRIZE FOR THE FINAL EXAMINATION was awarded to A. W. Imrie, Spencerville, Ont.

THE PRIZE FOR THE PRIMARY EXAMINATION was awarded to John Andrew McDonald, Panmure, P.E.I.

THE SUTHERLAND GOLD MEDAL was awarded to W. L. Gray, Pembroke, Ont.

The following gentlemen arranged in the order of merit, deserve honourable mention :—

In the Final Examination, Messrs. Shaw, Gray, Sutherland and Williston.

In the Primary Examination, Messrs. Josephs, W. L. Gray, J. W. Ross, Beer, Rogers, Henderson, R. B. Struthers and Heyd.

**PROFESSORS' PRIZES.**

BOTANY.—First Prize, H. V. Ogden, B. A., St. Catherines, O. Second Prizes, J. W. Cameron and F. A. Holmes.

PRACTICAL ANATOMY.—Demonstrator's Prize, in the Senior Class, awarded to Chas. N. Beer, of Charlottetown, P.E.I.

Junior Class prize awarded to James Ross, B. A., Dewitville, Q.

PRACTICAL CHEMISTRY.—W. L. Gray, Pembroke, Ont.

## XVI.

## SUMMER SESSION.

The Classes are chiefly practical and demonstrative, and are designed to supplement and extend the teaching of the regular winter Session.

The experience of the past sessions has been very encouraging, both in regard to the numbers in attendance, and the diligence with which the classes have been followed; and the Faculty hopes that all students will endeavour to take one or two of these extra Sessions, the fees for which have purposely been placed so low as to be almost nominal.

The special advantages of attendance upon a Summer Session are :—

- (1) The benefit derived from the practical and demonstrative classes.
- (2) Dresserships and Clinical Clerkships are more easily obtained at the Hospitals, and the student has more time at his disposal to follow up the cases.
- (3) Cases of Midwifery are obtained in greater numbers at the Lying-in-Hospital.
- (4) Systematic study can be carried out more effectively than at home.

As is only natural, the advantages offered by the city of Montreal for the practical study of Medicine and Surgery are unequalled in the Dominion. In the wards of the General Hospital there is always—and more particularly in the summer months when navigation is open—a large collection of interesting medical and surgical cases. In the out-door department there is a daily attendance of between 75 and 100 patients, which affords excellent instruction in minor surgery, routine medical practice, and diseases of children. The Eye and Ear Department, will afford to the student an opportunity of studying practically, under skilled direction, these important branches.

The Faculty has much pleasure in announcing the following prospectus.

<b>Clinical Instruction at Bedside.</b> —Montreal General Hospital.....	<b>The Attending Physicians.</b>
A limited number of Dresserships and Clinical Clerkships may be obtained on application to the Attending and Out-Door Physicians.—DAILY, 12-2.	
<b>Medical Clinique.</b> —Lectures upon the Diagnosis and Treatment of cases brought into the Theatre..... TUESDAYS, 11 a.m.....	<b>Geo. Ross, M.A., M.D.</b> Prof. of Clinical Medicine.
<b>Surgical Clinique.</b> —Lectures upon the Diagnosis and Treatment of cases brought into the Theatre ; FRIDAYS, 11 a.m.....	<b>T. G. Roddick, M. D.</b> Prof. Clinical Surgery.
<b>Diseases of Women.</b> —Method of examining patient use of speculum and uterine sound ; disorders of menstruation ; leucorrhœa, its causes and treatment ; tumors of the uterus, displacements of uterus, &c.—MONDAYS & THURSDAYS, 11 a.m.....	<b>D. C. McCallum, M. D.</b> Prof. of Midwifery and Diseases of Women.
<b>Practical Gynecology</b> —for senior Students at the University Dispensary for Women, —thrice weekly.....	<b>Drs. McCallum and Gardner.</b>
<b>Diseases of Children.</b> —Anatomical and Physiological peculiarities of infancy and childhood ; modes of examination of sick children ; peculiarities of symptoms ; therapeutics and dosage ; consideration of the more common and important diseases of childhood.—THURSDAYS, 10 a.m.....	<b>Wm. Gardner, M.D.</b> Prof. of Medical Jurisprudence.
<b>Ophthalmic and Aural Surgery.</b> —Twelve Clinical Lectures on cases in the Theatre. Extra hours for Ophthalmoscopic work, and instruction in operations..... MONDAYS, 10 a.m.....	<b>F. Buller, M.D.</b> Lecturer on Ophthalmology and Otology.
<b>Operative Surgery.</b> —Surgical Anatomy of arteries ; surface markings ; special anatomical demonstrations.—FRIDAYS, 10 a.m.....	<b>F. Shepherd, M.D.</b> Demonstrator of Anatomy.
<b>Minor Surgery.</b> —Bandaging, application of splints, hemostatics, catheterism, &c..... WEDNESDAYS, 10 a.m.....	<b>R. L. MacDonnell, M.D.</b> Asst. Demonstrator of Anatomy.
<b>Venereal Diseases and Diseases of skin.</b> —Clinical Demonstrations on cases in the Theatre ; weekly	<b>T. G. Roddick, M.D.</b> Prof. of Clinical Surgery.
<b>Electro-Therapeutics.</b> —Six Lectures and demonstrations on varieties of electricity ; batteries ; electro-diagnosis ; modes of application ; medical diseases in which electricity is useful ; electrolysis and galvanic cautery.—SATURDAYS, 10 a.m....	<b>Wm. Gardner, M.D.</b> Prof. of Medical Jurisprudence.
<b>Practical Pathology.</b> —consisting of twenty demonstrations in the autopsy-room of the hospital. Students will make the post-mortems in rotation, and receive instruction in the method of performing them, and keeping record of their observations.—BI-WEEKLY, 1 p.m.....	<b>Wm. Osler, M.D.</b> Prof. of Physiology and Pathology.

**Practical Obstetrics.**—Instruction in the diagnosis of presentations and the Clinical management of cases. .... A. A. Browne, B.A., M.D.  
Clinical Assistant to the Prof. of Midwifery.

All students desirous of attending the above courses, are expected to register their names with the Registrar, *within one week* after the beginning of the Session, and to pay a *fee of \$10*, when a ticket will be issued admitting bearer to the lectures, which ticket must be presented. Enregistration and payment of the fee are compulsory upon all students whether attending one or more of the classes.

The fees will be devoted to the extension and improvement of the Library and Museum, to which all students can obtain access.

A printed certificate of attendance will be issued at the close of the Session.

The following courses will also be conducted during the summer, and may be taken by enregistered students.

**Practical Chemistry.** including blowpipe manipulation, qualitative analysis, toxicological investigations, analysis of urine, &c. This course is the same as, and may be taken in lieu of, the Sessional Course during the winter. .... G. P. Girdwood, M.D.  
Prof. of Practical Chemistry.

**Practical Histology,** normal and pathological. A course of twenty lessons. Microscopes, reagents, and material provided. *Fee, \$15.* .... Wm. Osler, M.D.  
Prof. of Physiology and Pathology.

# Students of the University.

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SESSION 1879.

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## McGILL COLLEGE.

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### STUDENTS IN MEDICINE.

Ayer, Nehemiah.....	Woodstock.....	New B.
Ambrose, Thomas.....	Montreal.....	Quebec.
Bangs, Edson Clark.....	Fairbault.....	Min.
Beer, Chas. N.....	Charlottetown.....	P. E. I.
† Brown, James L.....	Chesterfield.....	Ontario.
Browne, Thomas L.....	Ottawa.....	Ontario.
† Burwash, Henry J.....	St. Andrews.....	Quebec.
† Buller, Frank, M. D.....		
† Butler, Billa F.....	Stirling.....	Ontario.
Burland, Benj'n. W.....	Stottsville.....	Quebec.
Cahalan, James.....	Wyandotte.....	Michigan.
Cameron, Paul.....	Williamstown.....	Ontario.
Cameron, John W.....	Montreal.....	Quebec.
Campbell, Lorne.....	Montreal.....	Quebec.
Campbell, Robert F.....	Aylmer.....	Ontario.
† Carman John B.....	Iroquois.....	Ontario.
† Carman, Philip E.....	Iroquois.....	Ontario.
Carson, John H.....	Port Hope.....	Ontario.
Cattenach, Angus M.....	Dalhousie Mills.....	Ontario.
† Case, W. II.....	Hamilton.....	Ontario.
† Chisholm, Murdoch.....	Loch Lomond.....	N. Scotia.
Christie, Edward.....	Lachute.....	Quebec.
Church, Frederick W. H.....	Aylmer.....	Quebec.
Church, John J. R.....	Aylmer.....	Quebec.
Cermack, Wm.....	Guelph.....	Ontario.
Cowley, Daniel K.....	Ottawa.....	Ontario.
Cuthbert, Albert E. R.....	Berthier.....	Quebec.
Cuzner, Mark R.....	Aylmer.....	Quebee.
Dafoe, Victor.....	Aultsville.....	Ontario.
Dawson, Rankine.....	Montreal.....	Quebec.
Denyer, William W.....	Ottawa.....	Ontario.

Derby, William J.	North Plantagenet	Ontario.
Dickenson, Salter M.	Cornwall	Ontario.
Dibblee, Geo. O.	St. Stephen	New B.
Drummond, William H.	Montreal	Quebec.
Dulmage, William R.	Smith's Falls	Ontario.
Duncan, W. T.	Granby	Quebec.
Dunlop, Alex. II.	Pembroke	Ontario.
Edick, George H.	Dundas	Ontario.
Fairbanks, Chas. S.	Oshawa	Ontario.
Feader, Henry C.	Iroquois	Ontario.
Fielde, Edmund C.	Prescott	Ontario.
Fraser, Henry D.	Pembroke	Ontario.
Fritz, Emdond.	Windsor	N. Scotia.
Gale, Hugh.	Elora	Ontario.
Gordon, Chas. M.	Ottawa	Ontario.
Grant, James A., B. A.	Ottawa	Ontario.
Graham, John.	Ottawa	Ontario.
† Gray, Thomas.	Brucefield	Ontario.
Grey, William L.	Pembroke	Ontario.
† Groves, George H.	Carp	Ontario.
† Gurd, David F.	Montreal	Quebec.
Hanvey, Chas. B. H.	Cleveland	Ohio.
† Hanna, Franklin.	Harlem	Ontario.
Harris, Adoniran.	Ingersoll	Ontario.
† Hart, George C.	Osnabruck Centre	Ontario.
Harvie, John B.	Ottawa	Ontario.
Heard, Charles D., M.A.	Charlottetown	P. E. I.
Higginson, Henry A.	L'Orignal	Ontario.
Henderson, Andrew.	Montreal	Quebec.
† Henwood, Alfred J.	Brantford	Ontario.
Hurdman, B. F. W.	Aylmer	Quebec.
Heyd, Herman E.	Brantford	Ontario.
Holmes, F. A.	Deer Island	New B.
Howard, Robt. J. B., B. A.	Montreal	Quebec.
Howe, E. S.	Morrisonville	N. York.
Hunt, John J.	Lambeth	Ontario.
† Imrie, Andrew W.	Spencerville	Ontario.
Inksetter, David G.	Copetown	Ontario.
† Irwin, John L.	Ottawa	Ontario.
† Jackson, Joseph A., M.D.	Lawrence	N. York.
† Jamieson, Charles J.	Ottawa	Ontario.
Josephs, George E.	Pembroke	Ontario.
Klock, Robert H.	Eardley	Quebec.
Lang, William A.	St. Marys	Ontario.
Laurin, Joseph E.	Montreal	Quebec.

† Lawford, John B.	Montreal	Quebec.
† Lefevre, John M.	Toronto	Ontario.
Lindsay, John A.	Campbelltown	New B.
† Lloyd, Hoyes W.	Strathroy	Ontario.
Lunam, Henry, B. A.	Litchfield	Quebec.
† Lyford, Charles C.	Roscoe	Illinois.
Maas, Rudolph J.	Negaunee	Michigan.
Macdonald, Alex	Paisley	Ontario.
Macdonald, Malcolm C.	Glencoe	Ontario.
Macdonald, Robert C.	Perth	Ontario.
Macdonald, Robt. T. E.	Montreal	Quebec.
† McArthur, John A.	Underwood	Ontario.
McCaffrey, Francis F.	New York	U. S.
McCorkill, Robert K. C. G.	Montreal	Quebec.
† McCullough, George.	St. Mary's	Ontario.
McCully, Oscar J., M. A.	Sussex	New B.
McDonald, John A.	Panmure	P. E. I.
McEachran, William	Montreal	Quebec.
McEvenue, John E.	Montreal	Quebec.
McGannon, Edward A.	Prescott	Ontario.
McGillis, William C.	Montreal	Quebec.
† McGuigan, William J.	Stratford	Ontario.
McKay, James	Ottawa	Ontario.
McKenzie, Kenneth	Melbourne	Quebec.
McKenzie, Bartholomew, E., B.A.	Aurora	Ontario.
McLean, Thomas N.	Perth	Ontario.
McLaren, David C.	Montreal	Quebec.
McMillan, D.	Huntingdon	Quebec.
† McNee, Stuart	Perth	Ontario.
McNulty, Michael	Iroquois	Ontario.
Menzies, John B.	Almonte	Ontario.
Mewburn, Frank H.	Drummondville	Ontario.
Mignault, Louis D., B. A.	Montreal	Quebec.
Morris, William	Montreal	Quebec.
Moore, William	Derby	Ontario.
Musgrove, Wm. J.	West Winchester	Ontario.
O'Brien, T. J. P.	Worcester	Mass.
O'Callaghan, Thomas A., B.A.	Worcester	Mass.
O'Keefe, Henry	Lindsay	Ontario.
Ogden, Henry V., B. A.	St. Catherines	Ontario.
Oliver, George H.	Dewittville	Quebec.
Page, Thomas A.	Brockville	Ontario.
Perks, Wm. C.	Port Hope	Ontario.
Pinsoneault, Bernard	Montreal	Quebec.
Poaps, Allen P.	Osnabruck Centre	Ontario.

Poole, Henry E.	Wakefield	Quebec.
Prendergast, Walter J.	Cote des Neiges	Quebec.
Pringle, Alex. F.	Cornwall	Ontario.
Pulford, Frederick W.	Windsor	Ontario.
Reynolds, Thomas W.	Brockville	Ontario.
† Riley, Oscar II.	Franklin	Vermont.
Riley, A. W.	Morrisonville	N. York.
Rogers, Ed. J.	Peterboro	Ontario.
Riordan, Bruce L.	Port Hope	Ontario.
Ross, George T.	Montreal	Quebec.
Ross, John W.	Winthrop	Ontario.
† Rutherford, Martin C.	Waddington	N. York.
Ross, James	Dewittville	Quebec.
Ruttan, Allen M.	Napanee	Ontario.
† Scott, John G.	Ottawa	Ontario.
Scott, John M.	Carleton Place	Ontario.
Serviss, Thos. W.	Iroquois	Ontario.
† Seymour, Maurice M.	Chesterville	Ontario.
Shanks, James C.	Huntington	Quebec.
Shaw, Alex.	Seaforth	Ontario.
† Shaw, William F.	Ottawa	Ontario.
Shaver, Jacob H.	Montreal	Quebec.
Shaver, William H.	Wales	Ontario.
Shaver, Robert	Williamstown	Ontario.
Shrädy, George	New York	U. S.
Shufelt, William A.	Browne	Quebec.
Small, Henry B.	Ottawa	Ontario.
Smith, W. A. D.	Lachine	Ontario.
Smith, Edward H.	Montreal	Quebec.
† Smith, John	Torbolton	Ontario.
Snow, Walter H.	Dundas	Ontario.
† Spencer, Richmond	Montreal	Quebec.
Stewart, James O.	St. Anicet	Quebec.
Struthers, Alex. D.	Philipsburg	Quebec.
Struthers, Robert B.	Phillipsburg	Quebec.
† Sutherland, William R.	Montreal	Quebec.
Thornton, H. W., F. A.	Montreal	Quebec.
Thompson, William E.	Harbor Grace	Nfld.
Trueman, James E.	Sackville	New B.
Tupper, Freeman	Milton	N. Scotia.
Vanier, Philias	St. Martin	Quebec.
Wagner, George C.	Dickenson's Landing	Ontario.
† Weagant, Clarence A.	Gallington	Ontario.
Williams, Joseph	London	Ontario.
† Williston, Hedley V., M.A.	Newcastle	New B.

## DOCTORS OF MEDICINE.

Adsetts, John.....	1866	* Bradley, William.....	1869
Alexander, Robt. A.....	1871	Brathwaite, Francis H.....	1863
Algire, Duncan O.....	1874	Brandon, John.....	1867
† Allen, Hamilton.....	1872	Breslin, William Irwin, Asst. Surg.-	
Alloway, Thomas Johnson.....	1869	geon, 46th Regiment of Line...1847	
Anderson, Alexander.....	1866	Brigham, Josiah S.....	1848
* Anderson, John C.....	1865	Brissette, Henry R.....	1871
Archer, Thomas.....	1869	Bristol, Ames S.....	1850
Ardagh, Johnson.....	1869	Brodeur, Alphonse.....	1863
Armstrong, George E.....	1877	Brodie, John.....	1877
* Arnoldi, Daniel.....[Hon]..	1848	Brooks, Samuel T.....	1851
Atkinson, Robt.....	1862	Brouse, William H.....	1847
Ault, Alexander.....	1860	Brouse, Jacob E.....	1861
Ault, Charles.....	1855	Brossard, J. B. J.....	1875
Ault, James F.....	1855	Brown, Peter E.....	1863
Ault, Edwin D.....	1868	Brown, J. L.....	1879
Austin, Fred. John.....	1862	Brown, Harry.....	1873
Aylen, John.....	1857	Browne, Arthur A., B.A.....	1872
Aylen, James.....	1863	Brunneau, Adolphe.....	1853
Backhouse, John B.....	1870	* Bruneau, Oliver T.....[Hon]..	1843
Bain, D.S.E., Staff Surgeon Maj...1868		Bruneau, Onesime.....	1851
Bain, Hugh U.....	1875	Bryson, William G.....	1867
Baird, James.....	1870	Bucke, Richard Maurice.....	1862
Baker, Albert.....	1848	Bucke, Edward H.....	1852
Barclay, George.....	1870	Buckle, John M. C.....	1869
* Barnston, James.....[ad eun]..	1856	Buckley, William P.....	1870
Battersby, Charles.....	1861	Bull, George Joseph.....	1869
Baynes, Donald, M.A.....	1876	* Bullen, Charles F.....	1864
Baynes, George Aylmer.....	1869	Burgess, John A.....	1868
Beattie, David.....	1862	Burch, Benjamin T.....	1865
Beaudet, Alfred.....	1865	Burland, John H.....	1863
Beaudry, Lewis H.....	1871	Burland, Samuel C.....	1877
Beckstead, Morris.....	1878	Burland, William B.....	1872
† Bell, James.....	1877	Burland, William H.....	1876
* Bell, John, M.A.....	1866	Burrows, Philip .....	1866
Bell, Robert.....	1878	Burnham, Robert Wilkins.....	1860
Bell, Robt. W.....	1873	Burns, Alfred J.....	1854
Belleau, Alfred.....	1862	Burritt, Horatio C.....	1863
* Bergeron, Joseph.....	1870	Burwash, Henry J.....	1879
Bergin, Darby.....	1847	Butler, George C .....	1865
Bessey, William E.....	1863	Butler, Billia F .....	1879
Bender, Prosper.....	1865	* Buxton, John N.....	1849
Benson, Joseph B.....	1875	Cameron, Duncan H.....	1877
Bibaud, Jean G.....	1843	Cameron, James C.....	1874
Blackader, Alex. D., B.A.....	1871	Cameron, John D.....	1878
Blacklock, John J.....	1851	Campbell, Donald Peter.....	1862
* Blanchet, J. B.....	1863	Campbell, Francis Wayland.....	1860
Blair, Robt. C.....	1865	Campbell, G. W., M.A.,[ad eun]..	1843
* Bligh, John W.....	1865	Campbell, James.....	1876
Bogart, Irvine.....	1859	* Campbell, Samuel.....	1866
* Bonaberry, Geo. E.....	1875	Campbell, John.....	1869
Boulter, George Henry .....	1852	Cannon, Gilbert.....	1877
* Boyer, Lewis.....	1842	Carman, Philip E.....	1879
* Boylan, Andrew A.....	1857	Carman, John B.....	1879
Boyle, Albert D.....	1877	Carmichael, Duncan A.....	1873
* Bowman, William Edward.....	1860	Carey, Augur D. L.....[ad eun]..	1864
Bower, Silas J.....	1865	Cassidy, David M.....	1867

Cassidy, John F.....	1865	* Cunynghame, W. C. Thurlow.....	1858
Carroll, Robert W. W.....	1859	Cutter, Frederick A.....	1873
Carson, Augustus.....	1843	Daly, Guy D. F.....	1868
Carson, John.....	1866	Dansereau, Charles.....	1842
Carter, Samuel A.....	1859	Dansereau, Charles.....	1869
Case, William H.....	1879	Dansereau, Pierre.....	1825
Casgrain, Charles E.....	1851	D'Avignon, Fred. F.....	1871
Cattanach, Andrew J.....	1871	* Dease, Peter Warren .....	1847
Chagnon, Vincelaus G. B.....	1861	DeBonald, W. S.....	1862
* Challiner, Francis.....	1849	DeBoucherville, Charles B.....	1843
Cherry, William.....	1869	DeGrosbois, T. B.....	1860
* Chesley, George Ashbold.....	1862	Demorest, B. G. G.....	1852
Chevalier, Gustave.....	1860	Desaulniers, Antoine A.....	1863
Chevalier, Napoleon E.....	1873	DeCelles, Charles D.....	1841
Chipman, Clarence J. H., B.A.....	1868	Depuis, Joseph G. P.....	1856
Chisholm, Murdoch.....	1879	Diee, George.....	1864
Chisholm, Alex.....	1878	* Dick, James R.....	1842
Christie, George H.....	1874	Dickson, James J.....	1846
Christie, John B.....	1865	* Dickinson, George.....	1867
Christie, Thomas.....	1848	Dickson, William W.....	1863
Christie, John H.....	1875	Digby, James Winniett.....	1863
* Church, Charles Howard.....	1862	Dodd, John.....	1864
Church, Clarence R.....	1867	Donnelly, Charles H.....	1860
Church, Collier M.....	1855	* Dorion, Severe.....	1843
Church, Levi R.....	1857	* Dorland, Enoch P.....	1850
Church, Mills Kemble.....	1864	Dorland, James.....	1875
* Church, Peter H.....	1846	Dougan, William.....	1867
Clark, Octavius H. E.....	1870	Douglas, James .....[Hon].....	1847
Clark, Wallace, B.A.....	1871	Dowling, John F.....	1875
Clark, Richard A.....	1870	Drake, Joseph M.....	1861
Clark, Newcastle G. B.....	1876	Dubuc, Charlemange.....	1864
Clemesha, John Wordsworth.....	1867	* Duckett, Stephen.....	1853
Clement, Victor A.....	1869	Duckett, William A.....	1859
*† Cline, John D., B.A.....	1874	Dufort, Thadée A.....	1865
Clinness, Daniel.....	1870	Duhamel, Louis.....	1860
Codd, Alfred.....	1865	Duncan, George.....	1866
Collins, Charles W.....	1869	Duncan, Gideon M.....	1871
Collison, Robert.....	1878	Duncan, George C.....	1875
Colquhoun, George.....	1876	Duncan, James S.....	1858
Coneau, John B.....	1870	* Duncan, John.....	1871
Cook, Guy R.....	1876	* Dunn, William Oscar.....	1843
Cooke, Charles H.....	1866	Dunsmore, John M.....	1870
Cook, Hermon L.....	1854	Easton, John.....	1852
Cooke, Sidney P.....	1869	Eberlé, Harry A.....	1876
Cooke, William H.....	1876	Edwards, Eliphilet G.....	1855
Copeland, William L.....	1872	Edwards, Oliver C.....	1873
Corbett, Augustus M.....	1854	Elkinton, Arthur G., Asst. Surgeon Scots Fusileer Guards.....	1862
Corbett, William H.....	1854	Ellison, Sarah R.....	1873
Corlis, Josiah.....	1869	Emery, Gordon J.....	1857
Cotton, C. L.....	1878	Emery, Allard.....	1866
* Cowley, Thomas McJ.....	1870	English, T. F....	1858
Cox, Frank.....	1869	Erskine, John.....	1860
Coyle, Henry W.....	1876	Ethier, Calixte.....	1867
Craig, Thornton.....	1876	Evans, Griffith.....	1864
Craik, Robert.....	1854	Ewing, William.....	1874
Cram, Daniel C.....	1872	Falkner, Alexander.....	1866
* Crawford, James..... ad eun .....	1854	Fall, Samuel R.....	1875
Creau, Thomas N.....	1876	Farewell, G. McGill.....	1872
Crichton, Stuart.....	1865	Farewell, W. G.....	1868
Crothers, William.....	1876	Farley, James T .....	1877
* Culver, Joseph R.....	1818		

Farley, John J.....	1873	Greaves, Henry C.....	1877
Faulkner, George W.....	1871	Greenwood, F. S.....	1879
Faulkner, D. W.....	1878	Greer, Thomas A.....	1876
Fenwick, George Edgeworth.....	1847	Grenier, L. P. A.....	1863
Fergusson, Alexander A.....	1864	Groves, George H.....	1879
Fergusson, Alex. A.....	1866	Guerin, James J. E.....	1878
* Finlayson, John.....	1834	Guest, Thomas A.....	1873
Winnie, John T.....	1869	Gunn, James.....	1861
* Fisher, John.....	1848	Gurd, David F.....	1879
Fitzgerald, James.....	1865	Gustin, William Claud.....	1863
Fortier, Louis A.....	1878	Hagarty, Dan. M. J.....	1868
Fortin, Pierre.....	1845	* Hall, Archibald....[ad eun]....	1843
Fortune, Lewis M.....	1873	* Hall, James B.....	1866
* Foster, Stephen Sewell.....	1846	Hall, J. W.....	1848
Farleigh, William S.....	1869	Halliday, James T.....	1866
Fraser, Alex. C.....	1878	* Hamilton, Andrew W.....	1859
* Fraser, William.....	1836	Hamilton, Charles S.....	1868
Fraser, William H.....	1867	Hamilton, John R.....	1871
Fraser, Donald M.....	1869	Hamilton, Rufus F.....	1861
Fraser, Donald.....	1863	Hamel, Joseph Alexander.....	1856
Fraser, John R.....	1878	Hammond, James H.....	1869
Freeman, Charles M.....	1871	Hanna, Franklin.....	1879
Fuller, W.....	1866	Hanover, William.....	1875
Fuller, Horace L.....	1870	Harding, F. W.....	1868
Fulton, James H.....	1863	Harkin, Henry.....	1867
Garvey, Joseph.....	1852	Harkin, William.....	1858
Gardner, Matthew.....	1871	Harkness, John.....	1862
Gardner, H. H.....	1879	Harkness, Andrew.....	1869
Gardner, William.....	1867	Hart, George C.....	1879
Gascoyne, George E., Staff Asst. Surgeon.....	1861	Hanington, E. B. C.....	1875
Gaviller, Edwin A.....	1873	Harrison, David Howard.....	1864
Gauvreau, Elzear.....	1855	Hart, Frederick W.....	1835
* Gauvreau, Louis H.....	1836	Harvey, William A.....	1874
Gendron, Thomas.....	1866	Hays, James.....	1866
Gernon, George W.....	1872	Herbert, P. Zotique.....	1872
* Gibb, George D.....	1846	† Henderson, Alexander A.....	1870
Gibson, John B.....	1855	* Henderson, Peter M.A.....	1848
Gibson, W. B.....	1878	* Henry, Walter.....(Hon)....	1853
* Gibson, Edward B.....	1864	* Henry, Walter J.....	1856
Gilbert, Henry L.....	1876	Henwood, Alfred J.....	1879
Gillis, John A. F.....	1877	Hervey, Jonas J. G.....	1866
Gillies, John.....	1867	Hetherington, Harry.....	1872
Gilmour, Angus.....	1868	Hickey, Charles E.....	1860
* Giroux, Phillippe.....	1856	Hickey, Samuel A., B.A.....	1874
Girdwood, Gilbert P.....	1865	Hils, Joseph.....	1873
Glenn, C. W. E.....	1858	Hingston, W. H.....	1851
Godfrey, Robert.....	1844	Hockridge, Thos. G.....	1874
Godfrey, Abraham D.....	1865	* Holden, Rufus .....	1844
* Goodhue, P. J.....	1875	Holwell, John.....	1868
Goforth, Franklin.....	1863	* Holmes, Andrew F...[ad eun]....	1843
Gordon, Robert.....	1868	Howard, James.....	1867
Gordon, William Wallace.....	1863	Howard, Robert.....	1872
Graham, Charles E.....	1866	Howard R. Palmer.....	1848
Graham, Henry.....	1863	Howden, Robert.....	1857
Graham, Kenneth D.....	1875	Howey, W. H.....	1878
Grant, Donald J.....	1863	Howitt, William H.....	1870
Grant, James A.....	1854	Howland, Francis D.....	1867
Grant, William.....	1867	Hulbert, Edward Augustus.....	1860
Gray, Thomas.....	1879	Hurlbert, George W.....	1859
Gray, John S.....	1876	Hume, William L.....	1875
		Hunt, Henry .....	1876

Hunt, J. H., L. R. C. S. I., Surgeon		Lefebvre, John M.....	1879
Rifle Brigade.....	1869	Legault, Daniel.....	1868
Hunt, Lewis G.....	1871	Lemoine, Charles.....	1850
† Hurd, Edward P.....	1865	Lepailleur, Leonard.....	1848
Hurlburt, Richard F.....	1873	Leprohon, John L.....	1843
Hutchinson, John A.....	1878	Levi Reuben .....	1876
Imrie, Andrew W.....	1879	Lindsay, Hierot.....	1861
Irvine, James C.....	1866	Lister, James.....	1862
Ives, Eli.....	1863	Lloyd, H. W .....	1879
Irwin, John L.....	1879	Locke, C. F. A.....	1872
* Jackson, A. Thomas, Staff Surgeon in the Army.....	1846	Logan, David D.....	1842
Jackson, Joseph A.....	1879	Logie, William.....	1833
Jackson, Wm. Fred.....	1874	* Long, Alexander.....	1844
Jamieson, Alexander, B. A.....	1877	Longley Edmund.....	1866
Jamieson, Chas. J.....	1879	Longpre, Pierre F.....	1848
Jamieson, Thomas A.....	1875	Loupret, Andre.....	1850
Johnson, James Bovell.....	1876	Loux, William.....	1875
Johnson, J. C. Asst. Surg. R.A.....	1867	Loverin, Nelson.....	1850
Johnson, Thomas G.....	1871	Lovett, William.....	1870
Jones, Charles R.....	1874	† Lucus, T. D'Arcy.....	1869
Jones, George N.....	1874	Lundy, Edward Lewis, Staff Asst. Surgeon.....	1862
* Jones, Thomas W....(ad eun).....	1854	Lyford, Chas. C.....	1879
* Jones, Jonathan C.....	1865	Lyon, Arthur.....	1861
Jones, Wm. Justus.....	1856	McArthur, John A.....	1879
Jones, H. J. Montgomery.....	1873	McArthur, Robert R.....	1867
Kearney, Wm. J.....	1875	McBain, John.....	1874
Keeler, William N., B.A.....	1869	McCallum, Duncan C.....	1850
* Keeler, Thomas.....	1859	McCaun, J. J., B.A.....	1878
† Kelley, Clinton Wayne.....	1867	McCarthy, William.....	1867
* Kelley, Wm., Surg'n. Royl. Artl.....	1846	McConkey, T. C.....	1872
† Kelly, Thomas.....	1873	McConnell, John B.....	1873
Kemp, William.....	1864	* McCord, John D.....	1864
Kennedy, Richard A.....	1864	McCormick, Andrew G.....	1874
* Kerr, James.....	1858	McCrimmon, Donald A.....	1869
Killery, St. John, Staff Assistant Surgeon.....	1862	McCrimmon, John.....	1878
King, Wm. M. II.....	1859	McCrimmon, Milton.....	1878
King, Reginald A. D.....	1868	* McCulloch, Michael....(Hon).....	1843
King, Richard A.....	1867	McCullough, George.....	1879
* Kirkpatrick, A.....	1856	McCully, Oscar J., M.A.....	1879
Kittson, John G.....	1869	McCurdy, John.....	1866
Kittson, Edmund G.....	1873	McDermid, Wm.....	1875
Knowles, James A.....	1866	* MacDiarmid, John Duncan, Staff Surgeon in the Army.....	1847
Kollmyer, Alex. H.....	1856	McDiarmid, Donald.....	1867
Laberge, Ed.....	1856	McDiarmid, James... ..	1873
Lane, John A.....	1877	MacDonald, Angus.....	1863
Lang, Christopher M.....	1876	* MacDonald, Colin.....	1853
* Lang, Thomas D.....	1869	MacDonald, Roderick.....	1834
Langlois, O. X.....	1875	MacDonald, Roderick A.....	1874
Langrell, Richard T.....	1865	McDonald, Jos. D. A.....	1873
Larocque, A. B.....	1847	McDonell, Alex. R.....	1874
Law, D. W. C.....	1868	McDonell, Angus.....	1852
Law, William K.....	1877	McDonell, Aeneas .....	1849
Lawrence, Henry G. H., Asst. Surgeon Grenadier Guards.....	1862	MacDonnell, Richard L., B.A ..	1876
Leavitt, Julius.....	1866	* McDougall, Peter A.....	1847
Leclair, George.....	1851	McDougall, Peter A.....	1864
Leclair, Napoleon.....	1861	McEwen, Findlay.....	1870
Lee, James C.....	1856	MacFarlane, William.....	1869
* Lee, John Rolph.....	1818	MacFie, James.....	1869
		McGuigan, William J.....	1879

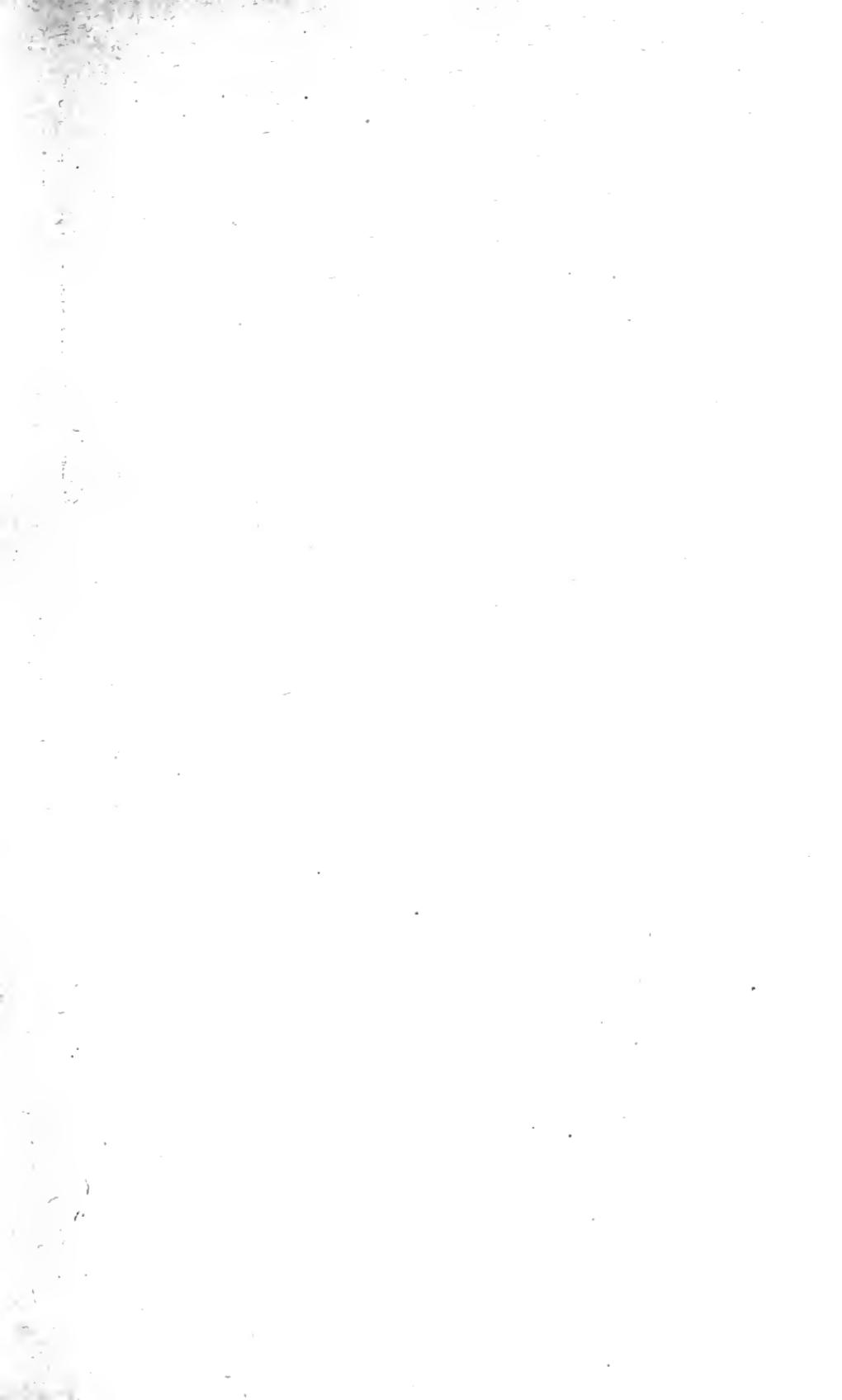
MacIlmoyl, Henry A.....	1876	Meck, James A.....	1875
MacIntosh, Robert.....	1863	Meigs, Malcom R.....	1865
Mack, Francis Lewis.....	1862	Menzies, John B.....	1879
* Mackie, J. R.....	1865	* Meredith, Thomas L. B.....	1842
* Macklem, Samuel S.....	1859	Metcalf, Henry I.....	1876
* MacNabb, Francis A. L.....	1870	Mignault, Henry Adolphe.....	1869
McRae, George .....	1876	Miller, Robert.....	1870
Madrill, John.....	1867	Mills, Thos. W., M.A.....	1878
Major, George W., B.A.....	1871	Miner, Frank L.....	1877
Malcolm, John Ralph.....	1861	Mines, William W.....	1874
* Malhoit, Alfred.....	1846	Mitchell, Fred. H.....	1871
Malloch, Edward C.....	1863	Moffat, John Edward, Staff Surg.....	1862
Malloch, William B.....	1867	Moffat, Walter.....	1868
Mallory, Albert E.....	1872	Molson, William A.....	1874
Marceau, Louis T.....	1872	Mongenais, Napoleon .....	1865
Markell, Richard.....	1867	Monk, Geo. H.....	1875
* Marr, Israel P.....	1849	Monro, James T.....	1872
Marr, Walker H.....	1859	Monro, Alexander.....	1876
Marston, Alonzo W.....	1871	Moore, Chas. S.....	1874
Marston, John J.....	1863	Moore, Jehiel T.....	1874
Mason, James Lindsey, M.A.....	1863	Moore, Joseph.....	1852
Mattice, Richard J.....	1875	Moore, Richard.....	1853
† Matheson, John H.....	1871	Moore, Robert C.....	1869
* Matheson, Niel.....	1870	* Morin, Joseph.....(Hon)	1850
Mayrand, William.....	1847	* Morrison, David R.....	1869
McGarry, James.....	1858	Morrison, John, M.A.....	1872
McGeachy, William.....	1867	Mount, John W.....	1851
McGill, William.....	1848	Murray, Charles H.,B.A.....	1876
McGillivray, Donald.....	1861	Neilson, W. J.....	1878
McGowan, Henry W.....	1867	* Nelles, John A.....	1850
McGrath, Thomas.....	1849	Nelles, Jas. M.....	1875
McGregor, Duncan.....	1861	* Nelson, Horace.....	1861
McGuire,Bernard D.....	1873	* Nelson, Wolfred.....(Hon)	1848
McInnes, Walter J.....	1865	Nelson, Wolfred D. E.....	1872
McIntosh, James.....	1839	Nicol, William R.....	1872
McIntosh, Donald J.....	1870	Nicoll, Charles Richard, Surgeon Major, Grenadier Guards.....	1862
McIntyre, Peter A.....	1867	Nesbitt, James A.....	1868
McKelcan, George Lleyd.....	1860	Norton,Thomas.....	1874
McKay, John.....	1869	Oakley, William D.....	1877
McKay, Walter.....	1854	O'Brien, Thomas B. P.....	1862
McKinley, John K.....	1878	O'Brien, Robert S.....	1873
McLaren, Peter.....	1861	O'Brien, David.....	1873
McLaren, Peter.....	1869	O'Callaghan, Cornelius H.....	1854
McLaren, Peter.....	1872	* O'Carr, Peter.....	1857
McLean, Alexander.....	1860	* O'Conner, Daniel A.....	1861
McLean, Archibald.....	1867	O'Dea, James Joseph.....	1859
McLeod, James.....	1873	Odell, William, Surgeon 19th Regi- ment of the Line.....	1849
McMicking, George.....	1851	O'Leary, James.....	1866
McMillan, Æneas J.....	1874	O'Leary, Patrick.....	1859
McMillan, Louis J. A.....	1860	Oliver, James W.....	1867
McMillan, John.....	1857	O'Rielly, Charles.....	1867
McMurray, Samuel.....	1841	Osler, Wm.....	1872
* McNaughton, E. P.....	1834	* Padfield,Charles W.....	1868
McNee, Stewart.....	1879	Painchaud, Edward S. L.....	1848
McNeece, James.....	1866	Palmer, Lorn L.....	1867
McNeill, Ernest.....	1878	Paquin, Jean M.....	1843
McQuillen, James.....	1874	Paradis, Henri.....	1846
McTaggart, Alexander... ..	1869	Paradis, Pierre E.....	1867
McVean, John M.....	1865	* Park, George A .....	1877
Meane, John, M. R. C. S. L. Staff Surgeon Major.....	1869		

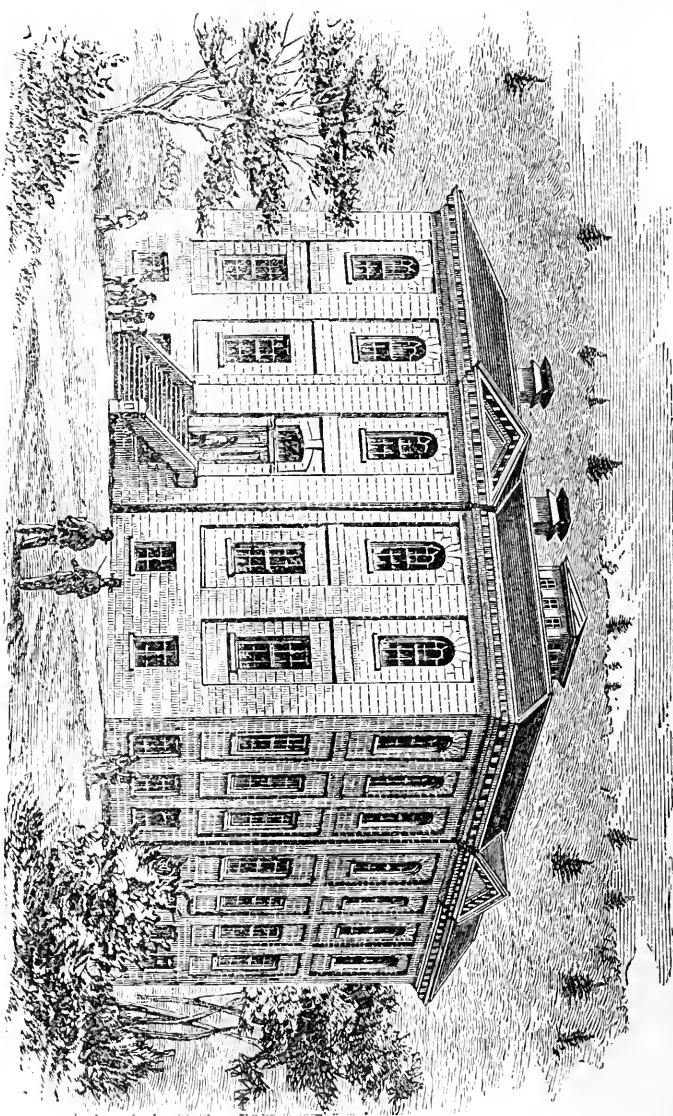
Parker, Rufus S.....	1866	Richardson, John R.....	1865
Parker, Charles S.....	1866	Ritchie, Arthur F., B.A.....	1876
* Patterson, James M.....	1855	Ritchie, John L.....	1874
Patterson, James.....	1864	* Roberts, Edward T.....	1859
* Pattee, George.....	1858	Roberts, John E., B. A.....	1867
Pattee, Richard P.....	1874	Robertson, James.....	1865
Patten, Montrose A.....	1864	Robertson, David.....	1864
* Patton, Edward K.....	1867	Robertson, David T.....	1857
Pegg, Austin J.....	1872	Robertson, Patrick.....	1867
Pegg, Charles H.....	1867	Robillard, Adolphe .....	1860
Perrault, Victor.....	1852	Robinson, Stephen J .....	1876
Perrier, John.....	1868	Robinson, Wesley.....	1872
Perrigo, James, M.A.....	1870	Robitaille, Louis.....	1860
Perry, H. R.....	1873	Robitaille, L. T.....	1858
Phelan, Cornelius J. R.....	1865	† Roddick, Thomas G.....	1868
Phelan, James S.....	1874	Rodger, Thomas A.....	1869
* Phelan, Joseph P.....	1854	Rogers, Amos.....	1874
Philip, David L.....	1861	Rooney, Robert F.....	1870
* Picault, A. C. E .....	1857	† Ross, George, M.A.....	1866
Pickup, John Walworth.....	1860	Ross, Thomas.....	1863
* Pinet, Alexis.....	1847	Ross, Henry.....	1872
Pinet, Alex. R.....	1864	Ross, William G.....	1871
Poussette, Arthur Courthope.....	1860	Ross, Wm. D.....	1875
Powell, Israel Wood.....	1860	Rugg, Henry C.....	1865
Powell, Newton W.....	1852	Rumsey, William.....	1859
† Powell, Robert H. W.....	1876	Rutherford, Martin C.....	1879
Powers, George W.....	1861	Ruttan, Allen.....	1852
Powers, Lafontaine B.....	1864	* Sabourin, Moise.....	1849
Pringle, George.....	1855	Sampson, Jas.....(Hon).....	1847
Prosser, Wm. O.....	1874	Sanderson, George W.....	1850
Proudfoot, John S.....	1868	Savage, Thomas Y.....	1854
Proudfoot, Alex.....	1869	Savage, Alex. C.....	1863
Proulx, Philias.....	1844	Sawyer, James E.....	1866
Provost E. Gilbert.....	1859	Schmidt, Samuel B.....	1847
Quarry, James J.....	1868	Schofield, David T.....	1854
Quesnel, Jules M.....	1849	Scott, John G.....	1879
Rea, John Hamilton.....(Hon).....	1853	Scott, William E.....	1844
Rainville, Pierre.....	1863	Scott, William F.....	1875
Rambant, John, Surgeon Canadian Rifles.....	1859	Scott, Stephen A.....	1864
Rattray, Charles J.....	1871	* Scriven, George Augustus.....	1846
Rattray, James C.....	1874	Seager, Francis R.....	1870
Raymond, Oliver.....	1850	Secord, Levi.....	1876
Read, Herbert II.....	1861	Setree, Edward W.....	1878
Redner, Horace P.....	1864	Seguin, Andre.....	1848
Reddick, Robert.....	1874	Senkler, A. E.....	1863
Reddy, Herbert L., B.A .....	1876	* Sewell, Stephen C.....(ad eun).....	1843
Reddy, John.....(ad eun).....	1856	Sowell, Colin.....(ad eun).....	1869
Read, Thomas D.....	1871	Seymour, Maurice M.....	1879
Reid, Alex. Peter.....	1858	Sharpe, Wm. James.....	1872
Reid, John A.....	1871	Shaver, Peter Rolph.....	1854
Reid, Kenneth .....	1864	Shaver, R. N.....	1857
Reynolds, Robert T.....	1836	Shaw, William F.....	1879
* Reynolds, Thomas.....	1842	Shepherd, Francis J.....	1873
Richard, Marcel.....	1864	Shoebottom, Henry.....	1857
Richmond, Peter E.....	1873	* Simard, Amable.....	1852
Ridley, Henry Thomas.....	1852	Simpson, Thomas.....	1854
* Riel, Etienne R. R.....	1857	Sinclair, Coll.....	1874
Riley, Oscar II.....	1879	Smallwood, John R.....	1868
Rinfret, Ferdinand R.....	1868	Smellie, Thomas S. J., M.A.....	1877
* Rintoul, David M.....	1854	Smith, Daniel D.....	1868
		Smith, Daniel F.....	1878

* Smith, Edward W.....	1859	Vercoe, Henry L.....	1865
Smith, John.....	1879	Vicat, John R.....	1867
Smith, Norman A.....	1870	† Vineberg, Hiram N.....	1878
Smith, William.....	1876	Wagner, A. Dixon.....	1872
Smythe, T. W.....	1848	* Wagner, William H.....	1844
Snider, Frederick S.....	1876	Wakeham, William.....	1866
Sparham, Terrence.....	1841	Wales Benjamin N.....	1874
Speer, Andrew M.....	1874	* Walker, Robert.....	1851
Spencer, Richmond.....	1879	Wallace, Isaac N.....	1874
* Squire, William Wood, M.A.....	1864	Walsh, Edmond C.....	1866
Stafford, Fred. I.....	1878	Walton, George O.....	1873
Stanton, George.....	1868	Wanless, John R.....	1867
Stark, George A.....	1872	Ward, William T.....	1873
* Staunton, Andrew Aylmer, Surgeon Royal Artillery.....	1845	Ward, Michael O'B.....	1875
Stevens, Alex. D.....	1857	Warren, Frank.....	1872
Stevenson, Charles N.....	1876	* Warren, Henry.....	1860
Stevenson, James McGregor.....	1856	Waugh, William.....	1872
Stevenson, John A.....	1873	Weagant, Clarence A.....	1879
* Stevenson, John L.....	1855	Webb, James T.S.....	1871
Stevenson, Robert A.....	1871	Webster, Arthur D.....	1878
Stewart, Alexander.....	1872	Weilbrenner, Remi Claude.....	1851
Stewart, John Alexander .....	1862	Weir, Richard.....	1852
Stewart, James.....	1869	* Wherry, John.....	1862
Stephenson, James.....	1859	Whitecomb, Josiah G.....	1848
Stimpson, Alfred O.....	1868	Whiteford, James W.....	1873
Shirk, George.....	1865	Whiteford, Richard.....	1857
St. John, Leonard.....	1874	Whitwell, William P. O.....	1860
Storrs, Arthur.....	1876	Whyte, Joseph A.....	1870
Stowbridge, James Gordon.....	1862	Wigle, Hiram.....	1875
Stroud, Charles S.....	1876	* Widmer, Christopher...(Hon).....	1847
Sutherland, Fred. Dunbar.....	1861	Wilcox, Marshall B.....	1863
Sutherland, Walter.....	1874	Williston, Hedley V., M.A.....	1879
* Sutherland, William.....	1836	Wilson, Benjamin S.....	1856
* Sutherland, William.....	1870	Wilson, Robert M.....	1850
Sutherland, William R.....	1879	Wilson, William .....	1857
Switzer, John E. K.....	1865	* Wilscam, John Wilbrod.....	1846
Tabb, Silas E., M.A.....	1869	Wolverton, Algeron, B.A.....	1867
Tait, Henry Thomas.....	1860	Woods, David, Staff Surgeon.....	1860
Taylor, Wm. H.....	1860	Wood, George C.....	1816
Taylor, Sullivan A.....	1870	Wood, George.....	1863
Tew, Herbert S.....	1864	Wood, Hannibal W.....	1865
Temple, James A.....	1865	Woods, Jno. J. E.....	1875
Thayer, Linus O.....	1859	Woodful, Sam. Pratt., Asst. Surgeon Royal Artillery.....	1864
Theriault, F. D.....	1863	Woolway, C. J.....	1876
Therien, Honore.....	1863	Workman, Benjamin.....	1853
* Thomson, James.....	1842	Workman, Joseph .....	1825
Thompson, Robert .....	1852	Worthington, Edward...(ad eun).....	1868
Tracey, Andrew W.....	1873	Wright, John W., B.A.....	1878
Trenholme, Edward Henry.....	1862	Wright, Henry P.....	1872
Trudel, Eugene .....	1844	Wright, Stephen.....	1859
Turgeon, Louis G.....	1860	Wright, William.....	1848
Tuzo, Henry A.....	1853	Wye, John A.....	1868
† Tunstall, Simon J., B.A.....	1875	Young, Phillip R.....	1876
Ussher, Henry .....	1861	Young, Robert C.....	1873
Vannorman, Jonathan A.....	1870	Youker, William.....	1870

\* Deceased

† Holmes Medallist.





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